

United States Air Force Air Combat Command

Archeological Phase I Survey for the Columbia Falls and Moscow OTHB-E Radar Stations, Washington and Somerset Counties, Maine

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United States Air Force Air Combat Command

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UNITED STATES AIR FORCE AIR COMBAT COMMAND

ARCHEOLOGICAL PHASE I SURVEY FOR THE COLUMBIA FALLS AND MOSCOW OTHB-E RADAR STATIONS, WASHINGTON AND SOMERSET COUNTIES, MAINE



HEADQUARTERS AIR COMBAT COMMAND NOVEMBER 2004

ABSTRACT

John Milner Associates, Inc, (JMA) under a subcontract with Geo-Marine, Inc., under a main contract with the U.S. Army Corps of Engineers (USACE), Fort Worth District Cultural Resources Section, conducted an archeological Phase I survey for the Air Combat Command (ACC) at two Over the Horizon Backscatter-East Radar (OTHB-E) sites in the towns of Columbia Falls and Moscow, Maine, from August 4 through August 27, 2003. This work was conducted to partially satisfy the Air Force obligations under Sections 110 and 106 of the National Historic Preservation Act, in anticipation of the closing of these properties.

At the direction of the ACC, Phase I archeological survey was conducted at both radar stations. As a result of this archeological survey, three newly identified Native American sites (77.7 ME, 77.8 ME and 77.9 ME) and one newly documented historic archeological site (ME 860-001) were identified at the Columbia Falls radar station. No archeological sites of any kind were identified at the Moscow radar station.

The three newly identified Native American archeological sites identified at the Columbia Falls radar station have the potential to provide significant information regarding Native American occupation and use of a little known portion of Washington County, Maine. Phase II archeological site evaluations are recommended for all of the Native American sites identified in the Columbia Falls radar station. This work will provide necessary information to potentially address the Research Significance Themes outlined by the MHPC (Spiess 1990). No further archeological work is recommended for historic site ME860-001 or at the Moscow OTHB-E radar station.

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1.0 Introduction

An archeological Phase I survey/inventory was conducted under a USACE Fort Worth District contract for the Air Combat Command (ACC) at two Over the Horizon Backscatter-East (OTHBE) radar stations in Columbia Falls and Moscow, Maine (Figures 1 and 2). The Columbia Falls Radar Station is located in Washington County, Maine (Figure 3) and the Moscow Radar Station is located in Somerset County, Maine (Figure 4). Archeological field work was conducted over a period of 20 days from August 4 through August 28, 2003, by John Milner Associates, Inc. (JMA). This work was conducted to assist the Air Force in satisfying its obligations under Section 106 of the National Historic Preservation Act (NHPA) of 1966, as amended (PL-96-515), and the National Environmental Policy Act (NEPA) of 1969 (PL-90-190). This work was also conducted under the Maine Historic Preservation Commissions (MHPC) Contract Archaeology Guidelines (February 1990) that pertains to Phase I reconnaissance surveys and ACC Policy on the Curation of Archeological Collections (15 June 1998). The field crew included Lori Laliberte, Willam Rombola and Christopher Wright.

The principal goal of a Phase I archaeological survey/inventory is to identify Native American and historic archeological resources within the Project areas which may be eligible for inclusion in the National Register of Historic Places (NRHP). The archeological survey of the Columbia Falls and Moscow radar stations employed a methodology commonly used for survey work in Maine. All exposed ground at each facility was visually inspected during the survey. The survey included areas that had the potential to contain archeological sites as well as areas that have been disturbed. Disturbed portions of the facilities were noted on project maps, visually inspected for cultural remains and photographed. All landforms determined to be potentially sensitive for containing archeological sites were further investigated by the excavation of 50 cm x 50 cm shovel test units (STUs) at 15 m intervals along a grid oriented in a north-south direction. STUs were excavated through overlying soils and at least 10 cm into underlying glacial till.

The Columbia Falls and Moscow OTHB-E Radar Stations each contain three sectors (Sectors 1, 2 and 3). This report will discuss the results of the archeological survey at each of the radar stations by sector (see Figures 3 and 4).

As a result of the Phase I survey/inventory three newly identified Native American sites (77.7 ME, 77.8 ME and 77.9 ME) and one newly identified historic site (ME 860-001) were recorded at the Columbia Falls OTHB-E radar station. No archeological or cultural sites were identified at the Moscow OTHB-E radar station. Phase II site evaluations are recommended for the three newly identified Native American sites. The cultural history of the non-coastal portions of Washington County is lacking in details regarding Native American lifestyles and associated cultural material. Phase II site evaluations of these three sites will seek to collect information needed to determine whether these sites satisfy NRHP eligibility criteria.

The remainder of this report is organized as follows: the paleoenvironmental reconstruction and environmental setting for each radar station is discussed in section II. The cultural setting is described in Section III. Field and laboratory methods are discussed in Section IV, and the results of the Phase I field work is presented in Section V. A summary of all work conducted on the Columbia Falls and Moscow OTHB-E radar stations are presented in Section VI. Appendix I contains STU soil profiles; Appendix II contains the As Built maps for each facility; and Appendix III contains a list of acronyms used throughout this report.

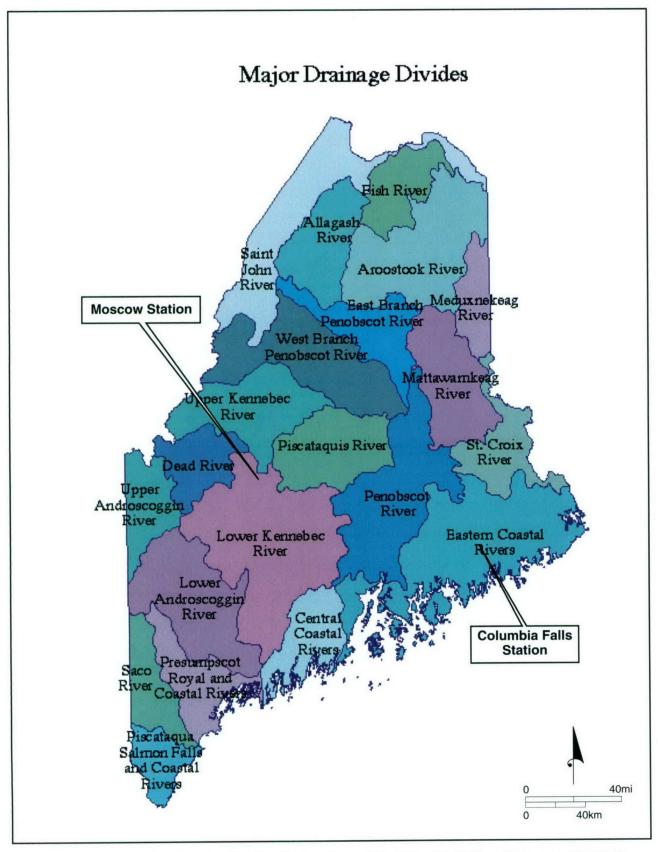


Figure 1. Drainage basins of Maine showing the locations of the Columbia Falls and Moscow OTHB-E Radar Stations.

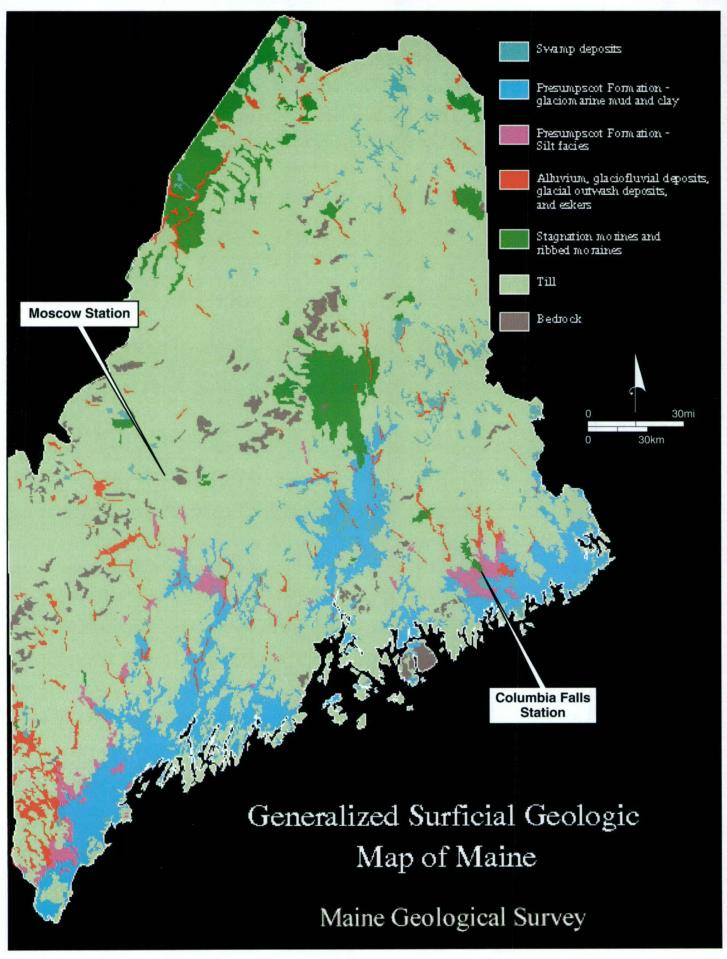


Figure 2. Generalized surficial map of Maine showing the locations of the Columbia Falls and Moscow Radar Stations.

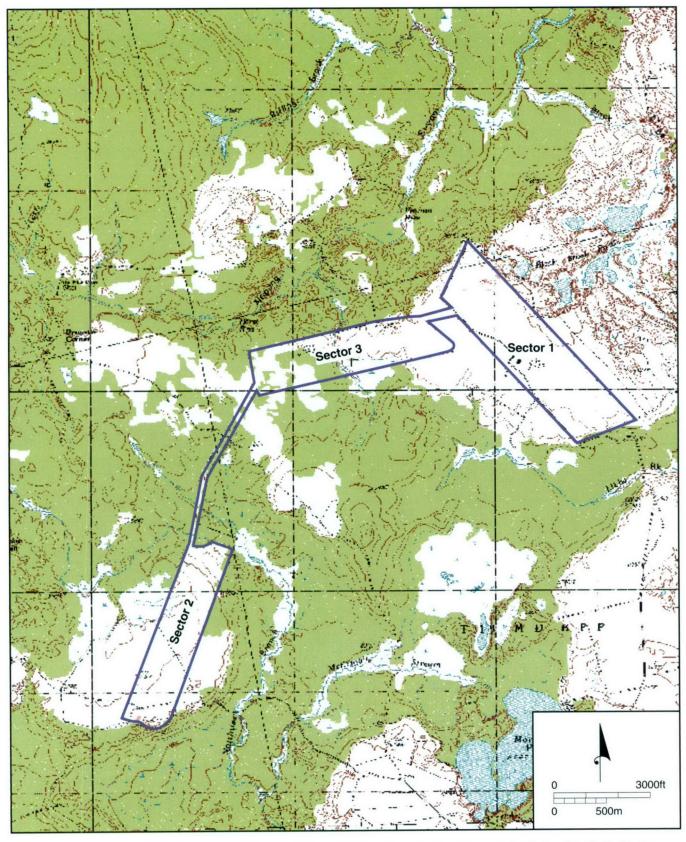


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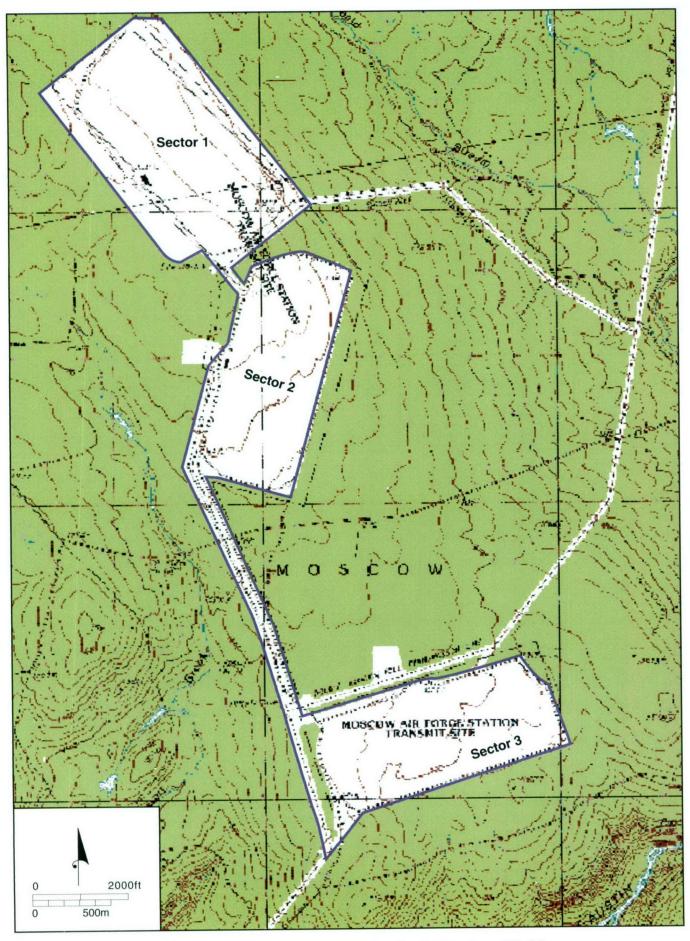


Figure 4. USGS (1994) 7 minute map *Dimmick Mt, Maine*, showing the location of the Moscow Radar Station.

2.0 PALEOENVIRONMENTAL RECONSTRUCTION AND ENVIRONMENTAL SETTING

Maine's landscape has been tailored by the effects of the last Ice Age. As the Laurentide Ice sheet advanced across the landscape to its maximum extent approximately 25,000 years ago, it scoured the previous landscapes down to bedrock. As the ice sheet retreated, new landscapes related to the scouring of the glacier and the melting of the glacier came into view. New valleys and river systems emerged and glacial deposits began to be modified by wind, running water, and vegetation. The two radar stations, Columbia Falls and Moscow, are located in two varied environmental settings. Columbia Falls is located within the coastal region of Maine while Moscow is located within the Appalachian Mountains. This difference in environmental settings determined the archeological methodologies employed during this archeological survey. These methodologies are directly influenced by the landscapes derived by glacial erosional and depositional activities and subsequent modification by the environment for the past 10,000 years.

2.1 COLUMBIA FALLS RADAR STATION

The Columbia Falls radar station is located in Washington County, Maine. This site is located within the eastern Coastal Rivers Drainage of Maine (Figure 1). The station is underlain by glaciofluvial and moraine deposits related to the retreat of the Laurentide Ice Sheet nearly 10,000 years ago (Figure 2). These deposits are composed of gravel, sand, and silt. The glaciofluvial deposits are typically stratified and well sorted and are related to melt water flowing under and beyond the terminus of the retreating ice sheet. The moraine deposits, in contrast, are unstratified and poorly sorted. Moraine deposits occur in locations where a glacial advance or retreat becomes stagnant and materials melting out of the terminus of the glacier create piles of material.

At times, large blocks of ice are also calved off the terminus of the glacier and remain intact and melt as the glacier continues to melt and retreat. Debris typically piles around these blocks of ice as they continue to melt. Eventually, the ice melts leaving somewhat circular depression (kettles) on the landscape. Some kettles fill with water and become small ponds and lakes.

The landscape in the north and eastern half of Sector 1 (Figure 3) has many basin-shaped landscape features, some with wetlands in the center. Ridges separate these features. To the northeast of the project area, some of these features have large ponds in their center. These features, based on their morphology are interpreted as kettles. Because some of these kettles today have wetlands associated with them, it would be appropriate to suggest that these kettles would have contained wetlands periodically throughout prehistory. These kettles would have been areas where water and vegetation resources would have been abundant throughout the prehistory of the project area. The areas adjacent to the larger kettles, north of and beyond the limits of the survey area, would have been favorable locations for prehistoric occupation. Areas adjacent to the smaller kettles would have been suitable for resource procurement.

Based on the likelihood that these kettles contained wetlands within their center in prehistory, occupation and use of the landscape would probably have been associated with the ridges that separate these features. It is further suggested that south facing slopes overlooking the kettles would have been favored for occupation and use over the ridge crests and north facing slopes of the kettles.

The landscape position of Sector 1, being devoid of features associated with fluvial deposition, precludes deeply buried deposits. It is likely that any archeological deposits within this sector would be at or near the surface. Buried cultural materials would only be associated with wind blown sediments (loess) deposited shortly after the retreat of the ice sheet, and before the establishment of vegetation on the landscape.

In contrast, Sector 2 lays primarily upon a nearly horizontal landform tens of feet above wetlands to the south and east. Based on its spatial characteristics and setting this landform is interpreted as a glaciofluvial delta. The northern portion of Sector 2 extends beyond the edge of this landform with evidence of fill having been placed within the wetlands to the north. Testing within this sector was restricted to the edge of the interpreted delta to the south, and landforms above wetlands in the north and west.

The landscape of Sector 3 has been greatly modified by construction activities within this sector. A stream valley that dissected the sector has been filled and the remaining landscape has either been excavated or filled. The true nature of landscape features that were once present have been destroyed by these construction activities.

2.2 Moscow Radar Station

The Moscow Radar Station is located in Somerset County, Maine, within the eastern Lower Kennebec River Drainage of Maine (Figure 1). Glacial till deposits related to the retreat of the Laurentide Ice Sheet nearly 10,000 years ago and bedrock outcrops are exposed in parts of the station (Figure 2). The till deposits identified at the Moscow station are composed of unstratified and poorly sorted gravel, sand, and silt with the occasional erratic. These till deposits are related to the deposition of pulverized rock material melting from the glacier during its retreat across the landscape. Outcrops associated with the Moscow radar station exhibit evidence of glacial scour identified by cut striations on their surfaces. The combination of the outcrops and thin layer of glacial till precludes the existence of deeply buried archeological materials. In addition, because the station's landscape is devoid of features associated with fluvial deposition, deeply buried deposits are precluded. Thus, it is likely that any archeological deposits at this station will be at or near the surface. Burial of cultural materials may only be associated with wind blown sediments (loess) deposited shortly after the retreat of the ice sheet and before the establishment of dense vegetation.

All three sectors and connecting roads within the Moscow Radar Station have the same environmental setting. There are no geographic features that stand out as having higher potential for prehistoric occupation except where intermittent streams cross the property. Intermittent streams are located along the access road between Sector 3 and Sector 2. Bluffs overlooking the incised intermittent streams are considered to be the most likely location of occupation and were a focus of survey efforts including the excavation of STUs. Other areas in Sector 3 where STUs were excavated were associated with knolls. The likely use of these landforms would be for resource procurement, and any archeological sites identified on them would likely not have been associated with long-term occupation due to their elevation and the sparseness of water.

3.0 CULTURAL SETTING

The prehistory of northeastern North American is generally broken down into three major temporal periods: the Paleoindian period, ca. 9000-7000 B.C.; the Archaic period, ca. 7000-1000 B.C.; and the Woodland (Ceramic) period, ca. 1000 B.C.-A.D. 1600. The Contact period; ca. A.D. 1550-1750 was a dynamic time when Native American populations first came into contact with Europeans. Competition over land and resources coupled with the exposure to European diseases nearly resulted in the collapse of their traditional lifeways. Archeological research conducted in Maine over the last several decades has provided much information regarding the prehistory of the state. This information has added to the known body of archeological data from research conducted elsewhere in the broader New England regions.

The Paleoindian period has been divided into two phases based upon distinctions identified in the lithic technology: the Early Paleoindian period, ca. 9000-8000 B.C, and the Late Paleoindian period, ca. 8200/8000-7000 B.C. The distinctive lithic components of the Paleoindian period assemblages consist of long, fluted projectile points and a variety of end scrapers, side scrapers, knives, gravers, and perforators. Paleoindian peoples likely lived in small, mobile groups of hunters and gatherers who were adapted to the dynamic climatic conditions associated with the late Pleistocene and early Holocene environments. Artic tundra, boreal forests and mixed deciduous forest conditions were likely present during the earlier Paleoindian period, ca. 9000-8000 B.C. Archeological research conducted in Maine suggests that Paleoindian people were attracted to glacially deposited dunes, kettles and high terraces with access to rivers and lakes, and high-quality lithic sources. Numerous Paleoindian sites have been identified in Maine and elsewhere in the region (e.g., Bourque 2001, Brigham 2001; Dumais 2000; Grimes 1979; Gramly 1982; Petersen et al., 2000; Ritchie 1971, 1980; Sanger et al. 1992; Snow 1980:150; Spiess and Wilson 1992; Wilson and Spiess 1990). A single Paleoindian point is reported from Site 77.6 ME. This site is located on the Machias River approximately 3.5 km northeast of the Columbia Falls OTHB-E radar station.

The transition from the Paleoindian period to the Archaic period roughly corresponds with the transition from open tundra and boreal forests to closed forest cover after 8000-7000 B.C. Archaic period populations are characterized as groups of hunters and gatherers that occupied North America throughout the dramatic environmental changes of the early Holocene and adapted to the numerous resources available. Archaic cultures in the Northeast are generally characterized as small, mobile social groups, and their sites are usually small and lacking permanent structures, fortifications, extensive storage pits, and elaborate mortuary remains (Ritchie 1980:32).

The Archaic period is subdivided into Early, Middle and Late subperiods (ca. 7000-5500 B.C., 5500-4000 B.C., and 4000-1000 B.C.), respectively. Only recently have Early Archaic sites been reliably excavated or radiocarbon dated in the northeast. Information regarding the Early Archaic period in the Maritime Peninsula is sparse. The reason that so few Early and subsequent Middle Archaic sites have been identified in Maine may stem from their proximity to submerging shorelines during periods of rising sea levels. As a result, these sites are usually identified by the presence of a very small number of projectile points that resemble types found at better documented sites in the northeast (i.e., Kirk Corner Notched and Bifurcate Base points). Some ground and pecked stone implements such as adzes, gouges and stone rods (a specialized type of abrader associated with the Middle to Late Archaic period) have also been identified on earlier sites. Early Archaic sites have been identified on the Kennebec River and the Piscataquis River.

Near the Columbia Falls Project area, a site situated on Meddybemps Lake may add information about the Early Archaic period in eastern Maine.

The Middle Archaic period is characterized as a period of continued adaptation to the emerging temperate climatic conditions. Middle Archaic period projectile points have been recovered in larger amounts more recently in southern Maine. Several new technological innovations appeared during the Middle Archaic period in the broad region including most commonly stemmed projectile points of the Neville and Stark types (Dincauze 1971 Snow 1980:182-184). Other artifact types associated with the Middle Archaic and subsequent Late Archaic period include fully-grooved gouges, adzes, stone rods, grooved axes, large ground stone semi-lunar knives, notched net-sinkers and plummets, and ground-stone spear-throwers (atlatls). Middle Archaic sites are situated on or near bodies of water or adjacent to rapids which suggest the continued importance of fish (e.g., Brigham et al. 2001, Petersen et al. 1994, Robinson 1987; Sanger and Newsom 2000). The Sharrow and Brigham sites on the Penobscot River and the Dennison Site on the Kennebec River are just three examples of deeply stratified sites minimally attributable to the Archaic period (e.g., Heckenberger et al. 1990; Petersen and Putnam 1992; Petersen 1991b).

Late Archaic period sites, ca. 4000-1000 B.C are much more common locally and regionally. These sites represent a variety of regional complexes (e.g., Borstal 1982, Bourque 1976, Hamilton et al. 1984, Kopec 1985; Sanger 1971; Sanger 1973; Tuck 1984). Late Archaic remains attributable to the Laurentian tradition, ca. 4000-3000 B.C., Moorehead complex, ca. 3000-1800 B.C.; and Susquehanna tradition, ca. 1800-1000 B.C., are known from all major river drainages (e.g., Butler and Hadlock 1962; Bourque 1976; Hamilton et al. 1984; Hamilton et al. 1990; Nicholas 1982; Sanger 1981; Will et al. 1996). The Moorehead phase is associated with the Red Paint cemeteries described initially by Warren K. Moorehead (1922) and based upon earlier work by C.C. Willoughby (1901). Stone artifacts associated with the Late Archaic period include the adze, gouge, plummet and ulu. The Late Archaic period sees the emergence of ceremonial objects (e.g., ground-slate bayonets (elongated and serrated bayonet-shaped stone tools of uncertain, but possibly ceremonial function), small zoo-morphic plummets and plummet-like objects, animal effigies and stemmed points). Site size varies from small camps to large settlements and is found in diverse environmental locations including riverine, lake, and wetland settings, as well as smaller sites in upland areas.

The Woodland (Ceramic) period is often distinguished from earlier prehistoric periods by significant changes in technology (production and use of ceramics and the bow and arrow), an intensification of subsistence practices (domestication of plants), increasing trends toward sedentism and larger settlements, and changes in social organization (Corey et al. 1997, Cowie et al. 2000; Ritchie 1980:179-180; Will et al. 1996; Versaggi 1999). Similar to the preceding cultural period, the Woodland (Ceramic) period has been divided into three subperiods; Early Woodland period, ca. 1000-100B.C., Middle Woodland period, ca. 100 B.C.-A.D. 1000; and Late Woodland period, ca. 1000-1600 A.D. Evidence of all three Woodland (Ceramic) periods are known within the Kennebec River drainage (e.g., Cowie et al. 2000; Petersen and Sanger 1991, Spiess 1984; Spiess 1999; Cox 1996; Spiess, Petersen and Hedden 1983). The first evidence of the cultivation of non-native plants reflects a general trend towards larger populations. Sites containing evidence of cultigens are few and have been recognized in the Saco, Androscoggin and Kennebec river drainages of Maine in both coastal and interior settings (e.g., Heckenberger and Petersen 1988; 1990).

The early portion of historic times is known in New England as the Contact period, ca. A.D. 1600-1750. During this period, local Native American populations entered recorded written history through interaction with Europeans. The archeological record of the Contact period is

seen by a combination of traditional and European traits. Inevitably, traditional Native American technology was replaced by European goods as contact increased. During the earliest portion of this period, the English and Dutch founded settlements on or near the Atlantic coast and the French on the St. Lawrence River. These groups competed for control of vast amounts of natural resources, namely fur. An English trading post and a major Indian village/camp were located in Machias during 1631-1635 (Bourque 2001:130). Other European influences were felt by the Native American populations along the Kennebec River during the late seventeenth century (e.g., Cowie et al. 2000, Prins 1984).

4.0 BACKGROUND RESEARCH

JMA conducted background research for the Columbia Falls and Moscow OTHB-E radar stations in conjunction with the Phase I survey. Historic documents and maps were researched to determine the potential of historic archeological sites located on each radar station. Personal interviews were also conducted with Air Force personnel at each facility, as well as with local residents. No prior archeological research has been conducted and no previously recorded sites have been recorded, at either radar station. JMA conducted additional research at the Cherryfield and Bingham Historical Societies.

4.1 COLUMBIA FALLS, WASHINGTON COUNTY, MAINE

The town of Columbia Falls was established in 1863. Early accounts state that the town of Machias was settled by English colonists in 1763. The English had a trading post on Machias Bay (Bourque 2001). Machias was a thriving lumber port and shipbuilding center during the nineteenth and twentieth centuries. From 1842 until 1892 the Palmer and Machiasport railroad and later the Whitneyville and Machiasport railroad hauled lumber out of this area. Because of this industry other areas along the coast later became populated.

From 1796 to 1863 the town of Columbia Falls was part of the town of Columbia. One of the first residents of Columbia Falls was Captain Thomas Ruggles who came from Rochester, Massachusetts in 1795. He was a prominent businessman who bought a large tract of land, acquired a saw mill, was the town postmaster, the Captain of the local militia, and a great lumber baron in eastern Maine.

The town of Columbia Falls was established in 1863. Early accounts state that the town of Machias was settled by English colonists in 1763. The English had a trading post on Machias Bay (Bourque 2001). Machias was a thriving lumber port and shipbuilding center during the nineteenth and twentieth centuries. From 1842 until 1892 the Palmer and Machiasport railroad, and later the Whitneyville and Machiasport railroad, hauled lumber out of this area. Because of the productive lumber industry, other areas along the coast later became populated.

Populations in the area decreased during the depression with employment opportunities elsewhere as a result of the Work Progress Administration (WPA). Many local inhabitants, including Passamaquoddy and Micmac people, left this area to find work (Bourque 2000:226). The 1943 USGS 15-minute map of *Tug Mountain, Maine*, shows one structure within the vicinity of the Columbia Falls project area (Figure 5). This structure is situated in the approximate location of the Sector 1 radar pad and was removed during the construction of Sector 1.

GE Aerospace built a prototype of the OTHB-E in the late 1970s and the full-scale facility was accepted by the Air Force in 1990. By the end of the Cold War the radar facilities were reduced to warm storage status with limited operation and personnel. Although the radars were used intermittently by the National Oceanographic and Atmospheric Administration (NOAA) for environmental monitoring, in 1998 the radars were reduced to cold storage with minimum personnel and no active use. Today, two personnel are employed at each radar station.

Many people of the Columbia Falls area are seasonally employed by Cherryfield Foods, who own and leases land from the ACC at the Columbia Falls station for blueberry and cranberry production (see Plate 1). The Passamaquoddy and Micmac tribes also lease land from the ACC

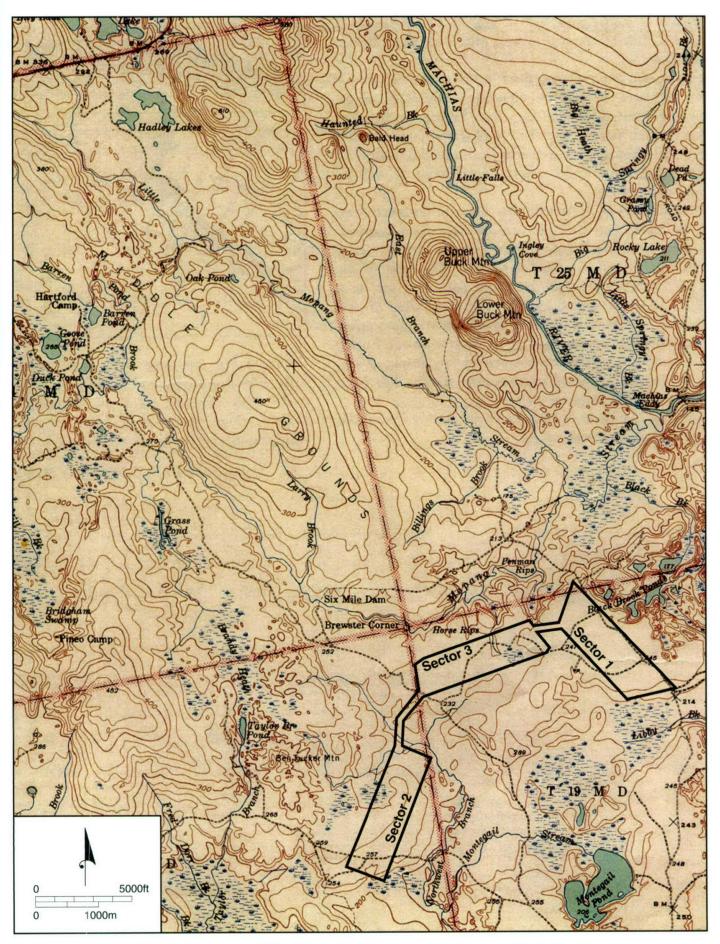


Figure 5. USGS (1943) 15-minute map of *Tug Mountain, Maine*, showing the approximate location of the Columbia Falls Radar Station.



Plate 1. View east of soil erosion caused by blueberry harvesting equipment (in background) in Sector 1 at the Columbia Falls OTHB-E Radar Station.

for blueberry harvesting, although they harvest the crops by hand rather than with machinery. There are several seasonal camps owned by the Micmac and Passamaquoddy tribes adjacent to the Columbia Falls station. The population of Columbia Falls today is 552 people.

4.2 Moscow, Somerset County, Maine

The town of Moscow is situated on the Kennebec River in Somerset County, Maine. The Kennebec has its source at the outlet of Moosehead Lake. Benedict Arnold and his men crossed the Kennebec River near the town of Caratunk in 1775 during the campaign to Quebec. The men under Arnold returned to Massachusetts with reports of the beautiful, fertile valley of the Kennebec (Bingham Historical Society 1962). Small settlements had been established along the Kennebec at Hallowell and Waterville, Canaan and Norridgewock. The first white settler of Moscow was William Fletcher in 1764. He was originally from Concord, Massachusetts. Fletcher was followed by Ephraim Wood in 1784 who was the founder of the first Congregational Church in 1805. The first frame house in Bingham was built by Samuel Baker in 1784. Until about 1800 Baker's house was still the only framed house in Bingham. In 1804, Isaac Temple built the first sawmill in Moscow on Austin Stream. Moscow was incorporated in November 1816 and held the first town meeting at the home of Joshua Goodrich. Goodrich gave land to the town for a cemetery. He also built a saw and gristmill on Mill Brook (Wells 1869). At this time there were 30 or 40 families in the township. In 1820 the Maine Militia was established and defended the area including the towns of Bingham, Cornville, Brighton, Moscow and Solon. Each town furnished its own arms and equipment.

JMA consulted historic maps and documents at the Bingham Historical society (Godfrey 1882, Varney 1881, Wells 1869) and conducted interviews with local informants (Mr. Robert Hammond and Mr. John Owens). The (1905) USGS 15-minute quadrangle map of *Bingham, Maine* shows two structures south of the radar station along what is now the Stream Road. No structures are shown within the radar station property. This map also shows an extensive wetland east of Chase Pond, in the approximate location of Sectors 1 and 2 (Figure 6). By 1956 one structure is shown outside of the Moscow OTHB-E radar property at the base of this wetland. The wetland shown on the 1905 map has significantly decreased in area. Current aerial photographs of the Moscow OTHB-E radar station show no wetlands within the vicinity of Sector 2 (Figure 7).

The construction of Wyman Dam began in 1928. Wyman Dam replaced a natural course of rapids 140 feet high. The top of the dam is approximately 3,000 feet long and its crest is about 150 feet above the water on the downstream side. The Wyman dam has created an artificial lake 12 miles long and a mile and a half at its widest point. The town of Bingham boomed during the construction of the dam. Nearly 300 new homes were built in the town for the purpose of housing the workers. The settlement was laid out by a man named Daggett and contained dormitory-like accommodations and a school. Many of the workers employed in the construction of the Dam continue to reside in Daggettville today.

The 1956 USGS map of the area shows one structure west of the Moscow OTHB-E radar property along Bassett Brook at the base of this wetland (Figure 7). This map also shows the previous route of the Central Maine Power Company (CMP) Power line Right-of-Way (ROW) through Sector 3. The power line was constructed across the stream previously located on the 1905 map; the stream is no longer visible on the 1956 map. Once the ACC purchased the property and began construction of the Sector 3 radar towers, the power line ROW was changed to avoid this sector (see Plate 13, Figure 16). Current aerial photographs of the Moscow OTHB-E radar station show no wetlands within the vicinity of Sectors 1 or 2 (Figure 7) or a stream in Sector 3.

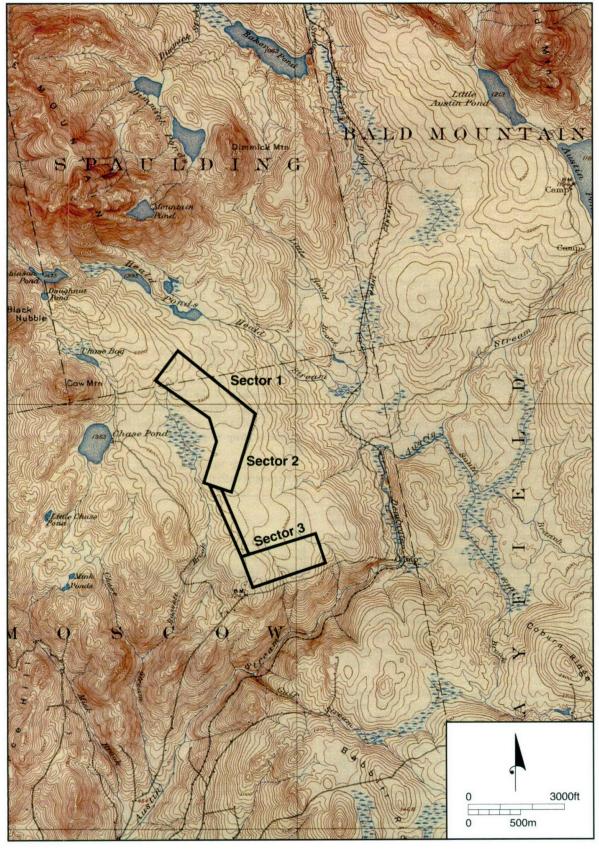


Figure 6. USGS (1905) 15-minute topographic map of *Bingham, Maine* showing the approximate location of the Moscow Radar station.

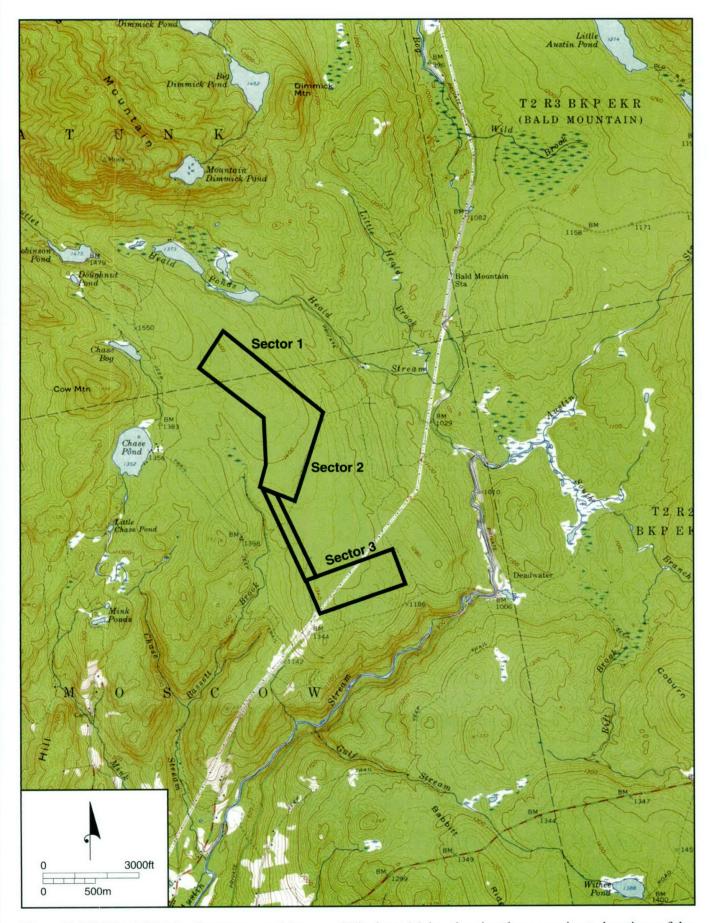


Figure 7. USGS (1956) 15-minute topographic map of Bingham, Maine showing the approximate locations of the Moscow Radar Station.

The Moscow OTHB-E radar station was first developed by GE Aerospace as a prototype in the late 1970s and accepted by the Air Force in 1990. By the end of the Cold War the radar facilities were reduced to warm storage status with limited operation and personnel and while used intermittently by the NOAA, in 1998 the radars was reduced to cold storage with minimum personnel and no active use. Today, two people are employed at the Moscow OTHB-E radar station.

5.0 FIELD AND LABORATORY METHODS

The archeological Phase I survey of the Columbia Falls and Moscow OTHB-E radar stations was designed to identify prehistoric and historic archeological sites at each facility. Archeological field work included three tasks: 1) identification of all disturbed areas within each facility, 2) identification and documentation of archeologically sensitive landforms, and 3) conducting archeological survey of areas believed to be archeologically sensitive.

5.1 FIELD WORK METHODS

JMA conducted an archeological Phase I survey over the course of 20 days from August 4 to August 28, 2003. Prior to the commencement of the survey work JMA personnel received an orientation at each radar site by station personnel. As-built maps, aerial photographs and photographs of each station were consulted prior to beginning field work. These materials helped to identify areas of previous disturbance. A vehicle inspection was conducted to identify and map the vast areas of previous disturbance associated with the construction of the radar stations, as well as to identify all landforms that had the potential to contain archeological deposits. All of these areas were marked on project maps. The vehicle inspection also helped to determine property boundaries.

As a result of the station orientations and the vehicle surveys, JMA determined that large portions of both the Columbia Falls and Moscow radar stations have been extensively disturbed. During the construction of each facility, large-scale grading and filling activities occurred. At the Columbia Falls radar station large-scale extraction of glacially deposited sands and gravels occurred within Sector 3 (see Appendix II). The excavated sediments were transported elsewhere within the facility for the construction of the radar tower pads, to fill in large topographic features such as kettles, glacial deltas and wetlands. Other modifications to the landforms included the creation of artificial ponds and wetlands and channeling of streams, rivers and tributaries. Many of the potentially sensitive areas which may have existed at the Columbia Falls facility are no longer extant. Despite the extensive disturbances identified and recorded within the two radar stations, several areas of archeological potential were identified. These are all located on portions of the Columbia Falls OTHB-E radar site outside of the fenced radar tower areas. No subsurface investigations were conducted within any of the areas within the fenced radar towers because of the extensive prior ground disturbance in these areas documented on as-built maps of the facility. STUs were excavated at one area within Sector 3 at the Moscow station that appeared to be undisturbed by the construction of the facility.

All exposed ground surfaces at the Columbia Falls and Moscow OTHB-E radar stations were inspected. Areas were visually inspected for the presence of Native American or historic artifacts. All Native American and historic artifacts identified from the surface of the project area were flagged and mapped. Data was recorded for all surface collected artifacts using a hand-held Trimble *GeoExplorer 3* GPS unit for mapping (see Figures 8-17) purposes. Portions of the stations that were obviously exposed due to the construction of the radar pads and/or associated with the extraction of glacial sediments were not inspected. Several problems were identified during the survey with regard to the surface collection of lithic material. The lithic material identified on the surface has been subjected to extreme temperature changes and exposed to other natural elements. These conditions have caused the lithics to weather and erode and sometimes exhibit characteristics generally suggestive of Native American lithic artifacts. Fire Cracked Rock (FCR) presented another sampling problem in terms of the identification of surface lithic material. Blueberry barrens are burned to aid in the regeneration of the plants. The heat generated

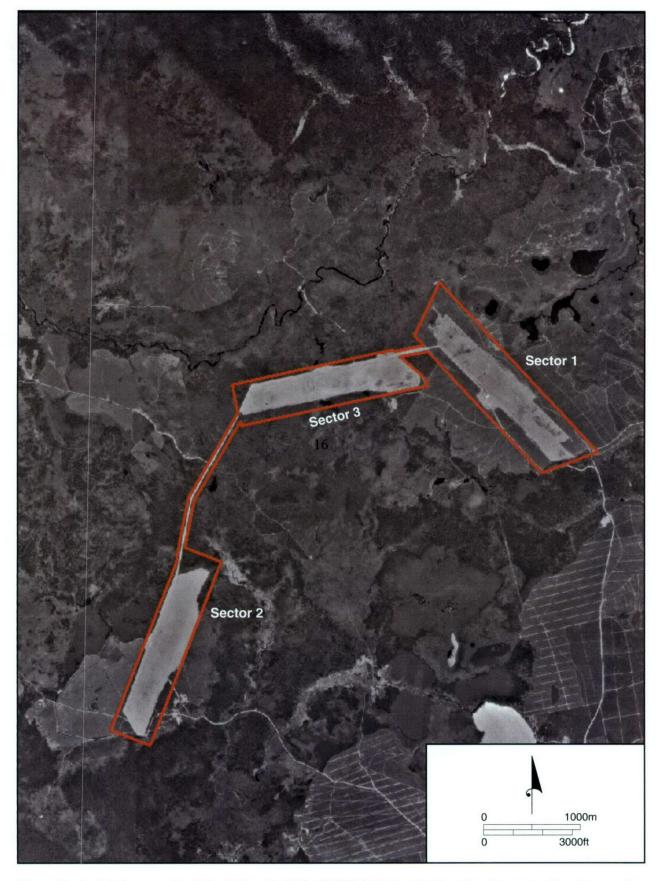


Figure 8. Aerial photograph of the Columbia Falls OTHB-E Radar Station showing sector locations and areas of disturbance (in gray).

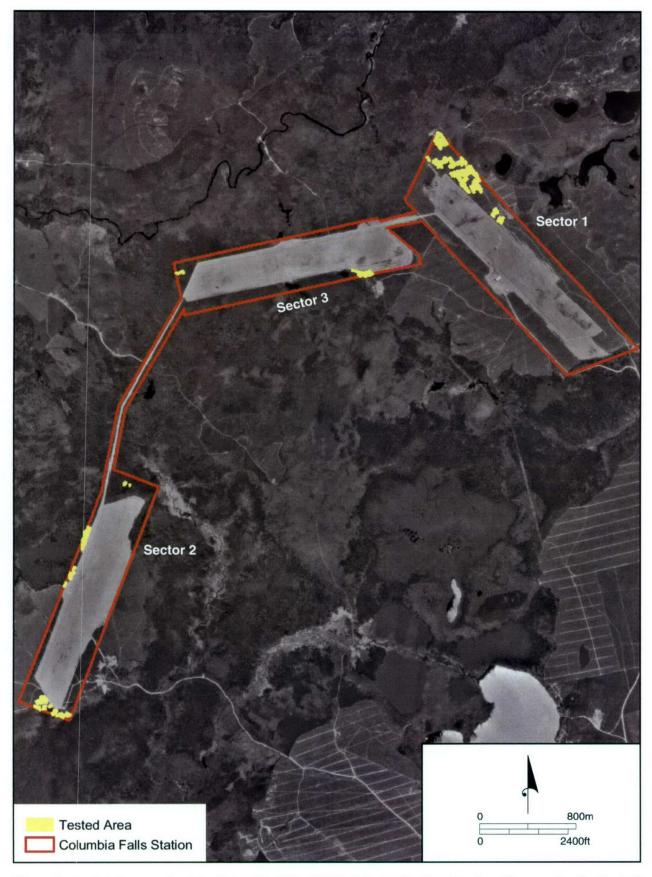


Figure 9. Aerial photograph of the Columbia Falls OTHB-E Radar Station showing all areas of archeological survey.



Figure 10. Aerial photograph of the Columbia Falls radar station showing the locations of sites 77.7 ME and ME 860-001 in Sector 1 and sites 77.8 ME and 77.9 ME in Sector 2.

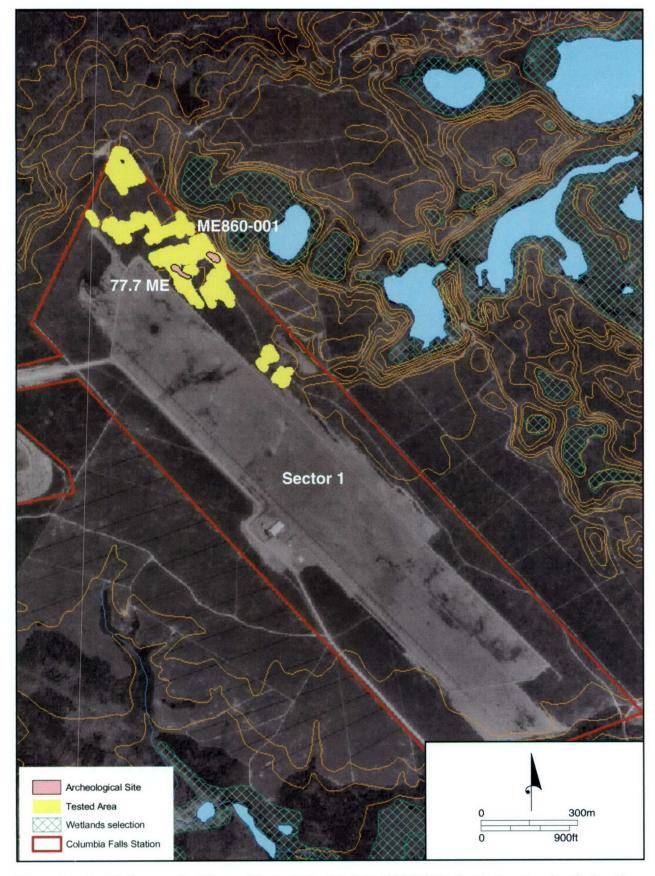


Figure 11. Aerial photograph of Sector 1 in the Columbia Falls OTHB-E Radar Station showing the locations of Site 77.7 ME and Site ME 860-001.

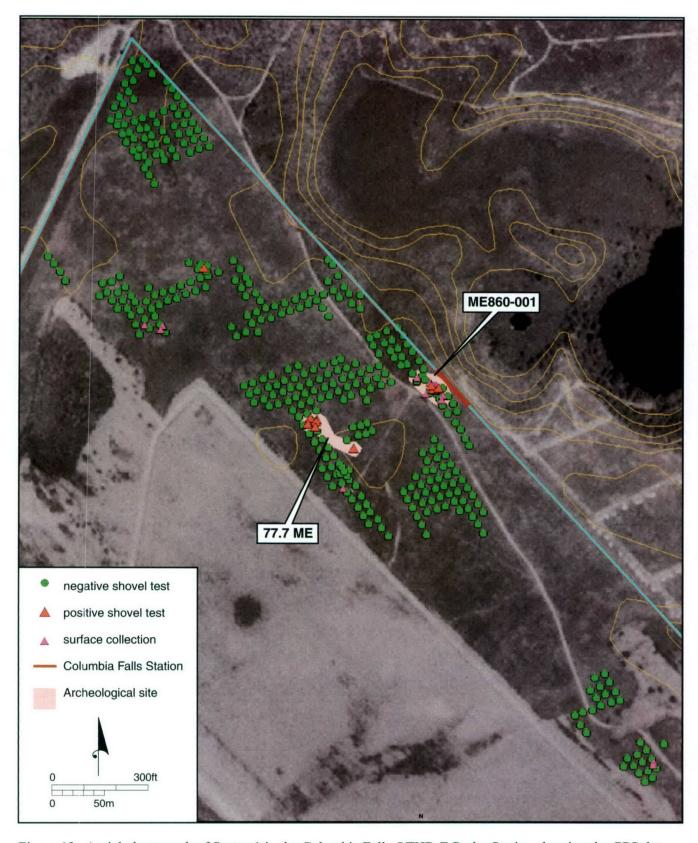


Figure 12. Aerial photograph of Sector 1 in the Columbia Falls OTHB-E Radar Station showing the GPS data points for all excavated STUs and the locations of Sites 77.7 ME and ME860-001.

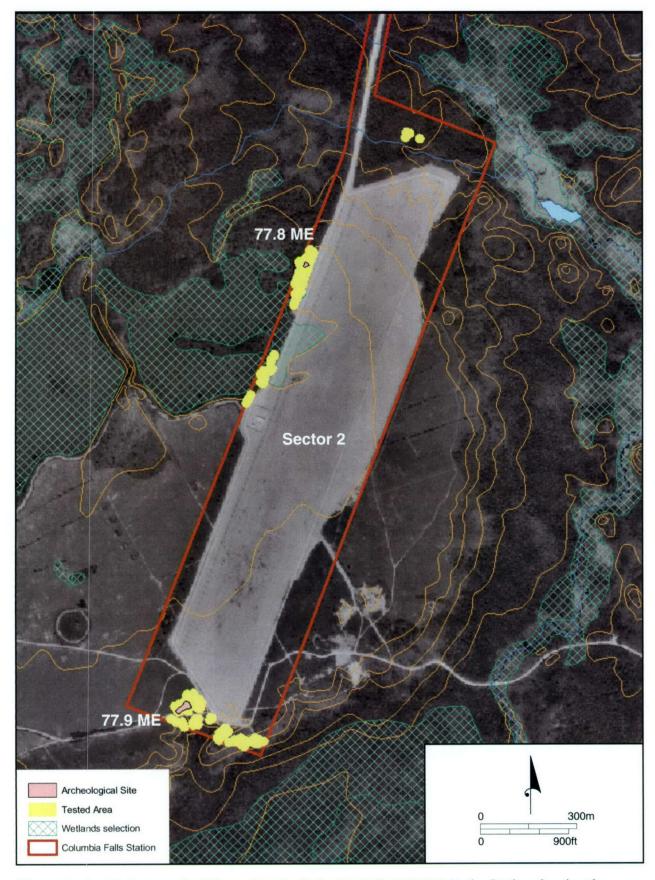


Figure 13. Aerial photograph of Sector 2 in the Columbia Falls OTHB-E Radar Station showing the glaciofluvial landform and the locations of sites 77.8 ME and 77.9 ME.

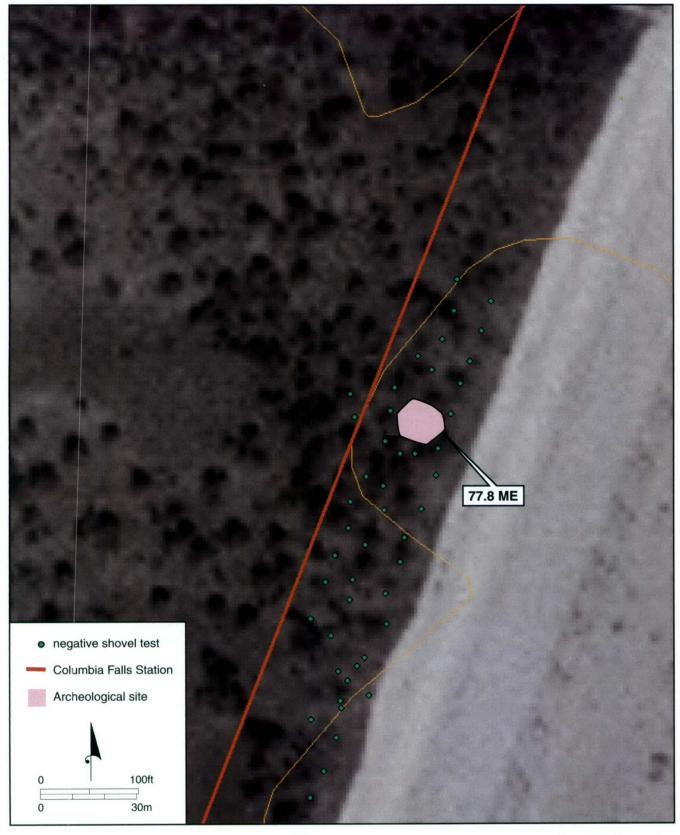


Figure 14. Aerial photograph of Sector 2 in the Columbia Falls OTHB-E Radar Station showing GPS data points for all excavated STUs and the location of Site 77.8 ME.

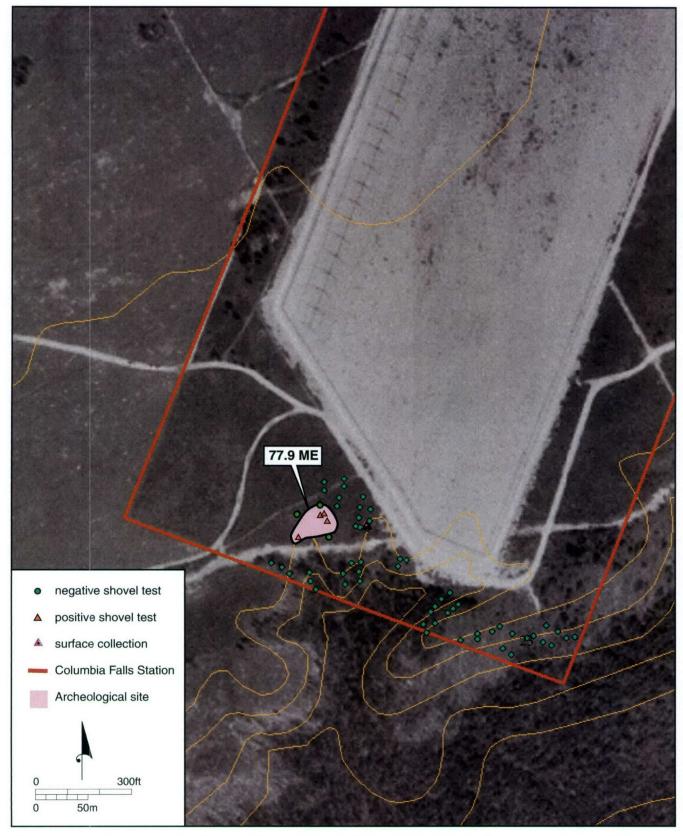


Figure 15. Aerial photograph of Sector 2 in the Columbia Falls OTHB-E Radar Station showing the GPS data points for all excavated STUs and the location of Site 77.9 ME.



Figure 16. Aerial photograph of the Moscow OTHB-E Radar Station showing the location of the three sectors as well as the areas of disturbance (in gray).

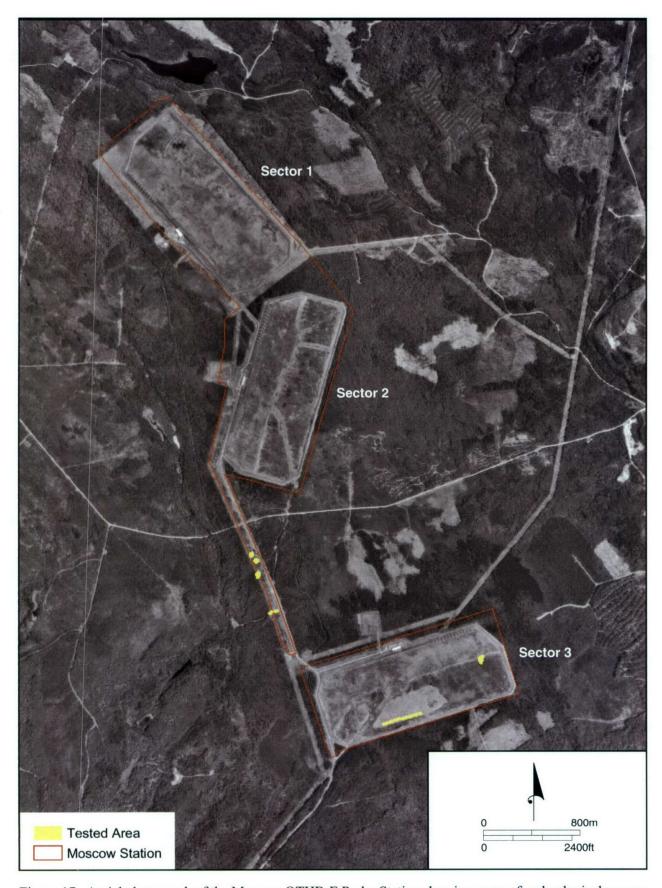


Figure 17. Aerial photograph of the Moscow OTHB-E Radar Station showing areas of archeological survey.

during the burning can redden and crack lithic material which may then be mistaken for culturally modified material. Additionally, the threshing actions of the blueberry harvesting equipment also alter lithic material in a way that could be mistaken for material modified by Native Americans.

Shovel Test Units (STUs) were placed within all areas where artifacts were identified on the ground surface as well as in areas considered to be archeologically sensitive. STUs measured 50 x 50 cm in diameter and were placed at 10 m intervals along linear transects. All STUs were excavated by 10-cm levels within natural soil strata with all excavated sediments screened through 1/4-inch mesh to recover all cultural remains within a particular STU. The location of all each STU was recorded with the hand-held Trimble *Geoexplorer 3* unit. This mapping technique was used to allow for the relocation of all positive STUs in the future, if necessary.

The methodology used in Site 77.7 ME was modified at the end of the project to determine if a sampling bias was present in the survey. Sediments excavated from four additional STUs were passed through nested screens of 1/4-inch and 1/8-inch mesh. The change in methodology was used to determine whether micro-lithic debitage was present at this site. All cultural remains recovered were placed in plastic zip-lock bags upon which all provenience information was recorded. All provenience information recorded from the excavated STUs is presented in Appendix I.

5.2 LABORATORY METHODS

Following the completion of the Phase I archeological survey all recovered cultural material and associated field forms, maps and photographs were brought back to the JMA Croton-on-Hudson, New York office for processing and analysis. All newly identified sites were recorded with the MHPC and were assigned a unique State of Maine trinomial site number.

All Native American lithic artifacts recovered from this project were washed and air dried. Lithic material was separated by material type and where possible, by cultural association. Historic period cultural remains were similarly processed with the exception of metal and cast iron, which was dry-brushed. The provenience information for all excavated STUs and associated cultural remains have been included as Appendix I in this report.

All cultural material, maps, photographs and records from this study are temporarily being stored at the JMA Croton-on-Hudson, NY office. Following the completion of all cultural resources requirements for the Columbia Falls and Moscow OTHB-E radar stations, all records and collections will be transferred to the Maine State Museum for permanent curation.

6.0 FIELD WORK AND RESULTS

6.1 Introduction

This section presents the results of the field work conducted for the ACC at the Columbia Falls and Moscow OTHB-E radar stations. The purpose of a Phase I archeological survey is to determine whether Native American or historic archeological sites exist within the Columbia Falls and Moscow site boundaries. The Columbia Falls radar station was determined by the MHPC to be highly sensitive for the presence of Native American sites, while the Moscow radar station was determined to have low archeological sensitivity (Dr. Arthur Spiess, June 2003). Based on recommendations of potential site sensitivity from the MHPC, 15 crew days were spent at the Columbia Falls station and five crew days were spent at the Moscow station.

6.2 COLUMBIA FALLS OTHB-E RADAR STATION

The Columbia Falls radar station is composed of three discrete areas that are connected to each other by long, narrow paved roads (Figure 8). These three areas were designated Sectors 1, 2 and 3. The property on which the radar station is situated was extensively disturbed during construction of the radar sectors. These areas of disturbance are shown in gray on Figure 3. The As-built maps for each sector show the extent of excavation, filling, grading and culvert placement activities that were undertaken on the property during the construction of the radar station (see Appendix II). Intact landforms were identified outside of the radar tower arrays; these areas were the focus of the Phase I survey. Figure 9 shows the location of survey areas in Sectors 1, 2 and 3. Other disturbances identified within the Columbia Falls station include soil erosion from Cherryfield Foods blueberry harvesting machines (Plate 1).

The Phase I archeological survey of the Columbia Falls radar station included both surface inspection and subsurface investigations. A pedestrian surface inspection of all exposed ground surfaces was conducted to identify exposed Native American and historic cultural material. The subsurface portion of the survey consisted of the excavation of 651 50 x 50 cm shovel test units. A total of 396 STUs were excavated in Sector 1, 169 STUs in Sector 2, and 86 STUs in Sector 3. As a result of this survey three Native American sites (77.7 ME, 77.8 ME and 77.9 ME) and one historic site (ME 860-001) were identified (Figure 10).

6.2.1 SECTOR 1

Sector 1 is located in the northeastern-most portion of the Columbia Falls project area (see Figure 8). One Native American site (77.7 ME) and one historic site (ME 860-001) were identified in the northeastern corner of Sector 1 (Figures 11, 12). Sector 1 is characterized by relatively flat, to gently rolling hills in its southern and western portions and by numerous basin-shaped kettle features in the northeastern portion of the sector. Many of the kettles located in this area were bisected, filled and graded. These actions occurred during the construction of the radar station. Other kettles are intact. Many of these kettle features have associated wetlands. The areas around these features are considered to have the greatest potential to contain Native American sites. The archeological survey of Sector 1 concentrated on the intact kettle features and the wooded terraces along the northeastern station boundary. The wooded terrace areas in the northeastern portion of the sector lie above larger kettle features and ponds which are located beyond the limits of the survey area.

A visual inspection of all exposed ground surfaces was conducted during the Phase I archeological survey. Exposed ground surfaces include dirt roads, erosion ditches, and the thinly-vegetated areas within the blueberry fields. The subsurface survey concentrated on areas where artifacts were identified on the ground surface and on landforms that were considered to be archeologically sensitive. The as-built maps for Sector 1 show several roads that ran through Sector 1 prior to the station's construction (also see Figure 5).

Many of these roads were obliterated during the construction of the station. One road extends through the middle of the largest kettle in an east-west oriented direction (Plate 2). Very weathered Native American artifacts were recovered from the surface of the dirt road and on the surface of the blueberry barrens. Historic artifacts were also recovered from the surface of the eastern end of this dirt road and the blueberry barren that lies between the east-west and north-south oriented dirt roads.

The landscape exhibits evidence of a denuded surface where wind has removed the finer materials, with coarser sands and gravels remaining. During the excavation of shovel tests, it was noted that those located on the southern facing slopes of the kettles had finer sediment than those facing north. This trend is a likely indication that the landscape was exposed to high winds after the retreat of the ice sheet and before the movement of dense vegetation into the area. It should be noted that the south facing slopes are the location of identified sites and isolated finds.

A total of 396 STUs were excavated within Sector 1 (see Appendix I). STUs were placed in areas where cultural material was identified on the surface as well as other portions of the facility deemed likely to contain Native American and historic sites. Transects along which STUs were excavated were placed so that areas within and around five intact kettle holes would be adequately sampled. Additional sampling transects were placed in the wooded areas along the eastern boundary of the radar station. The wooded areas lie adjacent to and above two other kettles and the Black Brook Ponds which are not on the Columbia Falls property (see Figure 12). As a result of the archeological survey conducted within Sector 1, one Native American site (77.7 ME) and one historic archeological site (ME 860-001) were identified (Figure 12, Plates 3 and 5).

An isolated positive STU (T22.1) and an associated surface find were recovered in the northeastern portion of the sector. A small cluster of four pieces of fire cracked rock (FCR) was identified along the southwestern rim of a small kettle adjacent to a filled-in kettle in the northwestern portion of Sector 1. These areas are separated from site 77.7 ME by two smaller kettles and a distance of nearly 100 m (Figure 12). STU T22.1 is located on the northern edge of a mid-kettle divide on a slight downhill slope. The soil profile recorded for T22.1 consisted of a 10-cm level of blueberry root mat overlying a 10Y/R 3/3 dark brown silty loam. Stratum II consists of a 40-cm level of brownish yellow 10YR 6/6 fine silt (loess). One unifacially worked pebble was recovered from Stratum II between 20 and 30 cm b.g.s. Stratum III consists of glacial till (water-worn pebbles and cobbles) within a matrix of 10YR 6/4 light yellowish brown sand. Four additional STUs were placed around T22.1 at a 5 m interval, however no additional cultural remains were recovered. A possible cobble tool was identified on the surface of the blueberry barren approximately 50 cm east of STU T22.1.

Site 77.7 ME

Site 77.7 ME is located in the northeastern portion of Sector 1. The site is situated on a south facing slope within a large kettle (Figures 11 and 12). The kettle in which the site is situated is bisected by a dirt road. The dirt road runs through the kettle in an east-west direction. This road is shown on the As-built maps of the Columbia Falls property indicating that the road predated the



Plate 2. View east across large kettle showing dirt road and wetland. Note: Historic Site ME 860-001 is located on eastern ridge in background.



Plate 3. View northeast of Site 77.7 ME on southern slope of large kettle. Note: JMA project geoarcheologist recording GPS data.



Plate 4. Ground and pecked mortar and pestle recovered from Site 77.7 ME.



Plate 5. View south of historic Site ME 860-001 in Sector 1, Columbia Falls.

construction of the radar station. Native American artifacts were recovered from the surface of the dirt road and include an extremely weathered rhyolite flake, a rhyolite core, a chert core and one piece of FCR. A small wetland and two small glacial benches are located in the base of the kettle (see Plate 2). The kettle measures approximately 244 m by 122 m in diameter. The UTM coordinates for site 77.7 ME are 596960.412E 4961319.552N.

A total of 97 STUs were excavated within the kettle and around the mid-kettle divides. Two of these STUs (T46.6 and T55.2) contained Native American artifacts. Seventeen artifacts were recovered from the disturbed blueberry root mat, a tangled mass of roots and silty loam (which measured generally 10 cm deep). Sixteen artifacts were recovered from within an undisturbed 30-cm deposit of fine silty loam (loess deposits) identified immediately below the root mat. These artifacts were recovered between the depth of 6 to 43 cm b.g.s. (see Appendix I). The loess deposits were not present in all STUs. In many cases the root mat immediately overlay glacial till. Almost all of the STUs that contained loess were located on the southern facing slopes of kettles (see Section 2.0 above). No artifacts were recovered from the glacial till.

Four transects containing nine STUs were placed within two bench features situated in the base of the kettle. One piece of FCR and one weathered rhyolite flake were recovered from T55.2 between 22 and 53 cm b.g.s (Stratum III), within dark yellowish brown fine sandy loam (see Appendix I). Four STUs were excavated in a radial pattern around positive STU T55.2; however, no additional cultural material was recovered. The soil profile recorded within this STU recorded five distinct strata. Stratum I consists of 10 cm of blueberry root mat overlying a 12-cm level of dark yellowish brown 10YR 4/6 fine sandy loam (Stratum II). Stratum III consists of a 21-cm level of light olive brown 2.5Y 5/3 and 2.5Y 5/4 silty loam with medium sands. Stratum IV consists of a 27-cm level of brownish yellow 10YR 6/8 silty clay with less then 1% sands and gravel. Stratum V was recorded at 80 cm b.g.s. and consists of light gray 10YR 7/2 coarse sands with 30 % gravel. Coarse sands and gravels were identified at the base of Stratum V.

The second positive STU recorded within Site 77.7 ME (T46.6) is located on the northern side of the kettle on a south facing (downhill) slope. The soil profiles recorded within T46.6 consists of 9 cm of blueberry root mat and dark brown 10YR 3/3 silty sand. Stratum II was recorded at a depth of 9 cm b.g.s. and consists of a 26-cm deposit of yellowish brown 10YR 5/8 fine silt. Stratum III extended from 14-19 cm b.g.s. and consisted of 10YR 5/1 gray fine silt and Stratum IV consisted of an 11-cm thick deposit of yellowish brown 10YR 5/8 fine silt, or loess. One pecked granite mortar, one ground granite pestle (Table 1, Plate 4) and three pieces of FCR were recovered from Stratum IV. Stratum V consisted of brownish yellow 10YR 6/4 fine silt, sands and gravels (till). Four additional STUs were excavated around T46.6 at a 5-m interval however, no additional artifacts were recovered.

JMA modified the survey strategy used at site 77.7 ME on the last day of the project. Primary and secondary flaked lithic material had not been recovered from any of the STUs excavated within site 77.7 ME. The lack of these relatively common types of artifacts raised significant questions as to what, if any bias existed in the sampling methods used. Was tool manufacture occurring on site 77.7 ME? Or were the inhabitants of site 77.7 ME bringing finished stone tools to the site and re-sharpening them when needed? If tools were re-sharpened on site, micro-lithic debitage would be expected in the archeological record. To address this potential sampling bias, JMA excavated four additional STUs (T46.6.2.5E, T46.6.2.5W, T46.6.2.5N, and T46.6.2.5S) in a radial pattern around T46.6 at a distance of 2.5-m. The sediments excavated from the four radials were screened through nested 1/4- and 1/8- inch mesh screen. Micro-lithic debitage was recovered from all four radial STUs.

The north radial of STU T46.6 recovered two quartz flakes, one basalt flake and one rhyolite flake (1/8-in screen) in Stratum I (0-12 cm b.g.s.). No other cultural material was recovered from this radial. One quartz flake was recovered from the east radial in Stratum I (1/8-in screen). One ground and smoothed cobble was recovered from this STU in the 1/4 inch screen between 12-24 cm b.g.s (Stratum II). The dimensions of this cobble are presented in Table 1.

No additional cultural material was recovered from the east radial. The south radial yielded cultural material from both the 1/4 and 1/8 inch mesh screens. Four quartz flakes were recovered from the 1/8-inch screen and one basalt flake and one piece of FCR were recovered from the 1/4 inch screen in Stratum I. Four quartz flakes, one basalt flake, one greenstone flake, one chert flake and one piece of FCR were recovered from the 1/8 inch screen in Stratum II in the south radial. No additional artifacts were recovered from either Stratum II or III. Four quartz flakes were recovered from the west radial in Stratum I and two quartz flakes were recovered from Stratum II. All of these artifacts were recovered from the 1/8-inch screen.

Table 1. Grou	nd and Pecke	d Lithic Attr	ibutes for Site	77.7 ME		
Granite Pestle	Weight	Length	Width (top)	Width (bottom)	Medial Thickness	Ground surface
	3lbs, 13.7 oz	114.6 mm	74.8 mm	64.8 mm	51.2 mm	46.3 mm
Granite Mortar	Weight	Length	Width (top)	Width (bottom)	Medial Thickness	Pecked surface
	1 lb., 7.4 oz	155.6 mm	109.5 mm	74.5 mm	71.7 mm	50.7 mm
Ground Cobble	Weight	Length	Width (top)	Width (bottom)	Medial Thickness	Ground surface
	7.35 oz	93.0 mm	38.5 mm	65.7 mm	26.8 mm	55.7mm (max)

Based upon the presence of chronologically diagnostic ground and pecked stone tools, site 77.7 ME can be tentatively assigned to the Late Archaic Period, ca. 4000-1000 B.C. Relatively deep, wind blown sediments of late Pleistocene age were recorded in STUs excavated on the southern facing slopes within the kettle features. The recovery of macro-lithic tools and micro-lithic debitage from undisturbed sediments suggests that at least two types of activities were occurring at this site. In accordance with the MHPC guidelines, Phase II investigation is recommended for site 77.7 ME.

Site ME 860-001

Site ME 860-001 is located on the northeastern boundary of Sector 1 (Figures 11 and 12). The UTM coordinates for site ME 860-001 are 5970880E 4961354.91N. This site is located on the northeastern boundary of Sector 1 on the eastern ridge above site 77.7 ME (Plates 2 and 5). The site is bounded on the west and north sides by two dirt roads. One dirt road is oriented in an east-west direction and bisects the large kettle in which site 77.7 ME is situated. The other dirt road runs in a north-south direction along the rim of the large kettle. This road is used by facility personnel to maintain the property boundaries. It is also used by Cherryfield Foods to maintain the blueberry fields.

Site ME 860-001 was first identified during the visual inspection of this portion of Sector 1. Historic artifacts were identified on the surface of the dirt road and adjacent blueberry fields. Artifacts identified on the surface include cut and wire nails, cast iron woodstove fragments, ceramic (1 piece of blue transfer print dating to the late nineteenth century), window and bottle glass, shot gun shell casings (3), and sheet metal. All artifacts were designated with a unique surface collection number, the locations were flagged and the artifacts were collected. The

artifacts were all recovered from a square-shaped depression that measures approximately 24 x 16 feet (384 sq ft) in size.

Three transects (T35, T36 and T37) containing 19 STUs were set out across the site area. Two cast iron (woodstove) fragments, one cut nail and one piece of FCR were recovered from Stratum I in T36.6. The soil profiles identified within STU T36.6 consist of a 13-cm level of dark brown 10YR 3/3 silt and root mat (Stratum I). Stratum II consists of a 12-cm level of brownish yellow 10YR 6/6 sandy silt with 15% gravels. Stratum III (till) consists of sand, gravel and cobbles in a matrix of light yellowish brown 10YR 6/4 silt. No other cultural material was recovered from T36.3. Four radials were placed around T36.6 at a 5-m interval to determine the horizontal and vertical extent of the cultural deposits identified at Site ME 860-001.

Three wire nails were recovered from Stratum I and one piece of FCR was recovered from Stratum II in the north radial. The soils in the north radial consists of a 5-cm thick level of root mat and dark brown 10YR 3/3 sandy silt (Stratum I) overlying a 9-cm level of brownish yellow 10YR 6/6 sandy silt with 25% gravel (Stratum II). Stratum III consists of a grayish brown 10YR 5/2 silt with 30% gravel mottled with a dark brown 10YR 3/3 sandy clay. Cultural material was not recovered from Stratum III. The eastern radial of T36.3 contained one piece of salt-glazed earthenware. This artifact was recovered from Stratum I (0-7 cm b.g.s) which consists of a dark brown 10YR 3/3 sandy clay. Stratum I overlie a 10-cm level of grayish brown 10YR 5/2 silt. Stratum III consists of brownish yellow 10YR 6/6 sandy silty clay with 25% gravel (see Appendix I). No cultural material was recovered from either the south or west radials.

Site ME 860-001 consists primarily of a surface concentration of historic artifacts dating no earlier than the late nineteenth century. Evidence of features was not identified on either the surface or within any of the STUs excavated within the site area. All cultural material was recovered from either the surface of the site or from the first 15 cm of excavated sediment. This site likely represents the remains of a seasonal hunting camp which fell into disuse sometime before or immediately after the purchase of the property by the ACC. Based upon the glacial nature of the landform and the lack of deep stratigraphy, in the opinion of JMA there is little possibility that significant subsurface archeological deposits or features associated with this site. No further work is recommended for site ME 860-001.

6.2.2 SECTOR 2

Sector 2 is located at the southwestern end of the Columbia Falls OTHB-E radar station (Figures 3, 9 and 10). This sector is very different geologically from Sector 1. The southern portion of Sector 2 is located at the top of a draw on the edge of the glaciofluvial landform that overlooks an extensive wetland (Figure 13). The majority of Sector 2 has been disturbed by the construction of the facility (Figures 10 and 13). Like Sector 1, wooded areas and blueberry fields lie outside of the perimeter road and contain intact landforms. Numerous dirt roads and paths for irrigation equipment exist within this sector (Plate 6). Figure 9 shows the locations of subsurface investigations.

The archeological survey of Sector 2 included the inspection of all exposed ground surfaces to identify Native American and historic cultural remains. One weathered rhyolite flake fragment was recovered from the surface of a blueberry field within site 77.9 ME, described below. The archeological survey of Sector 2 was conducted in the southern, western and northern portions of the sector (Figure 9). All other portions of Sector 2 have been extensively disturbed by construction (Figure 8). A total of 169 STUs were excavated within Sector 2. Two previously unknown Native American sites (77.8 ME and 77.9 ME) were identified.



Plate 6. View south of irrigation pipes placed along glaciofluvial landforms in the southern portion of Sector 2.

Site 77.8 ME

Native American site 77.8 ME is located on a northwestern facing, level terrace in the north-central portion of Sector 2 (Figure 14). Archeological survey was conducted in this portion of the sector because the landform is located above an extensive bog which would have been an ideal location for large and small game procurement. The UTM coordinates for site 77.8 ME are 593885.28E 4958367.78N.

Native American artifacts were not identified during the surface inspection of this area. Thirteen transects (T18-T25) containing 57 STUs were placed across two distinct terraces which overlook the bog. STU T24.9 is located in the northern end of the terrace (Figure 14). The stratigraphy identified in T24.9 consisted of a 9cm thick deposit of very dark grayish brown 10YR 3/2 silt and root mat overlying a 24-cm thick level of light olive brown 2.5Y 5/6 sand. One reddened and modified pebble and one weathered rhyolite flake were recovered from Stratum II (9-34 cm b.g.s.). Stratum III consisted of a 10-cm thick level of light gray 10YR 7/2 sand with 15 percent gravel. No Native American artifacts were recovered from Stratum III. Four additional STUs were placed at a 5-m interval around T24.9. The north radial contained cultural material. The soil profiles recorded in the north radial of T24.9 consists of a 10-cm level of very dark brown 10YR 3/3 silty loam and root mat overlying a 7-cm level of light gray 10YR 7/2 silt. Stratum III consists of a 20-cm thick deposit of yellowish brown 10YR 5/6 silty sand. Two very weathered lithic flakes (rhyolite and basalt) were recovered from Stratum III. Stratum IV consisted of a 9-cm thick level of yellowish brown 10YR 6/6 coarse sands and 15 percent gravel. No additional artifacts were recovered from the radial STUs.

Site 77.8 ME contains intact sediments and lithic artifacts associated with an undetermined period of prehistory. In accordance with the MHPC guidelines, Phase II investigation is recommended at site 77.8 ME.

Site 77.9 ME

Site 77.9 ME is located in the southern end of Sector 2. The site lies approximately 48-m west of the Sector 2 radar pad in an open blueberry field (Figure 13, Figure 15). A total of 17 transects (T1-T14, and T27-T29) containing 53 STUs were placed within this portion of Sector 2. The site is situated on small, narrow glacial ridges and is bound in the north and south by two dirt roads. One of these roads is used for blueberry irrigation equipment (Plate 6). The UTM coordinates for site 77.9 ME are 593500.28E 4956973.12N.

A surface inspection of all exposed ground surfaces was conducted prior to the initiation of the subsurface survey of this area. Two very weathered rhyolite flakes were identified on the ground surface east of the site area. Nine linear transects containing 31 STUs were placed across this landform. Two STUs (T7.4 and T29.3) contained Native American artifacts.

STU T7.4 is located at the edge of a ridge in the center of the blueberry field. Two weathered rhyolite flakes were recovered in Stratum I of this STU. The soil profiles identified within this STU consists of 10 cm of root mat and very dark grayish brown 10YR 3/2 silt (Stratum I). Stratum II consists of an 18-cm level of yellowish brown 10YR 5/8 medium sands and gravels. Stratum III consists of a 12-cm level of light yellowish brown 10YR 6/4 sands and gravels. No other cultural material was recovered from T7.4. Four additional STUs were placed around T7.4 at 5-m intervals. One piece of FCR was recovered from the east radial in Stratum II (0-10 cm b.g.s). Stratum II consists of a 12-cm level of 10YR 5/6 sandy loam and Stratum III consists of a 31-cm level of yellowish red 5YR 5/8 silt mottled with light gray to gray 5YR 6/1 to 5YR 7/1 silt.

Four additional radials were placed around the east radial of T7.4 at 5-m intervals; however, only one radial contained additional cultural remains. A basalt flake was recovered between 8 and 31 cm b.g.s. (Stratum II) in the southeastern radial. Stratum I consists of an 8 cm level of root mat and very dark brown 10YR 2/2 silt and fine sand. Soil disturbance associated with a root was noted in the northwest corner of this STU. Stratum II consists of a 23-cm thick level of very pale brown 10YR 8/3 silt with fine to medium sands. Stratum III consists of a yellowish red 5YR 5/8 silt mottled with light gray to gray 5YR 6/1 to 5YR 7/1 silt. Stratum IV consists of coarse sands and gravels. No other artifacts were recovered from T7.4SE.

T29.3 is located approximately 24 m southwest of T7.4. The soil profile recorded within this STU consists of a 5-cm thick level of root mat overlying an 11-cm level of brown 10YR 5/2 and yellowish brown 10YR 5/6 sand. One weathered rhyolite flake and one basalt flake were recovered from Stratum II between 7-20 cm b.g.s. Stratum III consists of a 13-cm thick level of mottled brownish yellow 10YR 6/6 and light gray 10YR 7/1 sand. Stratum IV was identified at a depth of 35 cm b.g.s. This stratum consists of a strong brown 7.5YR 5/6 sand and gravel. Four STUs were excavated at 5-m intervals around positive STU T29.3; however, no additional cultural material was recovered.

This site was identified on the basis of three positive STUs. The site covers an area approximately 75 square meters in size. Two Native American artifacts were identified on the ground surface of the nearest outwash delta approximately 24 m to the east. Intact soil profiles were observed in each of the three positive STUs excavated within site 77.9 ME. In accordance with the MHPC guidelines Phase II investigation of this site is recommended.

Isolated Finds (IF)

Two STUS in Sector 2 yielded single artifacts that are outside of the boundaries of sites 77.8 ME and 77.9 ME. These single artifacts have been designated as isolated finds (IF). IF 1 is located 90 m south of site 77.8 ME (see Figure 14) and IF 2 is located 24 m southwest of site 77.9 ME (see Figure 15).

IF 1 consists was recovered from STU T23.6, located approximately 90 m south of site 77.8 ME (see Figure 14). The soils identified within T23.6 consists of a 6-cm thick level of very dark grayish brown 10YR 3/2 root mat overlying a light brown 7.5YR 6/4 silty sand. One weathered, modified rhyolite pebble was recovered from Stratum I between 0 and 10 cm b.g.s at the Stratum I/II interface. Stratum III consists of a yellowish brown 10YR 5/4 fine silty sand. Cultural material was not recorded within Stratum III. Four additional STUs were placed at 5 m intervals around positive STU T23.6, however no other cultural material was recovered.

IF 2 was recovered form STU T29.3 located approximately 24 m southwest of site 77.9 ME. The soil profiles recorded within this STU consists of a 5-cm thick level of root mat overlying an 11-cm level of brown 10YR 5/2 and yellowish brown 10YR 5/6 sand. Two weathered flakes were recovered from Stratum II between 7-20 cm b.g.s. Stratum III consists of a 13-cm thick level of mottled brownish yellow 10YR 6/6 and light gray 10YR 7/1 sand. Stratum IV was identified at a depth of 35 cm b.g.s. This stratum consists of a strong brown 7.5YR 5/6 sand and gravel. Four STUs were excavated at 5-m intervals around positive STU T29.3; however, no additional cultural material was recovered.

6.2.3 SECTOR 3

Sector 3 is the middle sector within the Columbia Falls radar station (Figures 8 and 9). The landscape of Sector 3 was greatly modified during the construction of the sector (Plates 7 and 8, see Appendix II). A stream valley that dissected this area has been filled, and the remaining landscape has either been excavated or filled. Original landscape features that were once present have been destroyed by these construction activities.

All exposed ground surfaces within Sector 3 were visually inspected for the presence of cultural remains (Plate 9). A total of 86 STUs were excavated within Sector 3. STUs were excavated along a high terrace overlooking a bog in the southeastern corner of the sector and on a small island within a bog in the northwestern corner of the sector (Figure 9). All remaining portions of this sector have been severely disturbed. No cultural material was identified in either the STUs excavated or on the ground surface. No further archeological work is recommended in Sector 3.

6.3 MOSCOW OTHB-E TRANSMITTER FACILITY

The Moscow OTHB-E radar station is located in Somerset County, Maine, and is composed of three sectors that are connected to one another by two relatively long, narrow dirt roads (see Figure 1, 2 and 4). The station lies between an elevation of 1267 ft a.m.s.l. and 1449 ft a.m.s.l. The property is bounded at lesser elevations by several ponds, streams and brooks, including Heald Pond, Heald Stream, Austin Stream and Bassett Brook (Figures 16 and 17). Preliminary evaluations of the Moscow OTHB-E facility indicated that numerous small streams, tributaries and wetlands were present within the station. However, these features are no longer extant and the drainage systems installed for the station have created artificial drainages and wetlands (Plates 10 and 11). Very few intact landforms were identified within this station (Plate 12). The as-built maps for the Moscow OTHB-E radar station show the extent of excavation, filling, grading and culvert placement activities that were undertaken during construction (see Appendix II). Very few areas within the station contain intact landforms. These potentially intact areas were identified on the western side of the dirt road between Sectors 3 and 2, and within the perimeter fence of Sector 3 (Figure 17).

The Phase I archeological survey of the Moscow radar station included surface and subsurface investigation. A pedestrian inspection of all exposed ground surfaces was conducted to determine the presence or absence of Native American and historic cultural material. Subsurface investigations at the Moscow station included the excavation of 63 50 cm x 50 cm STUs placed along 17 transects. Transect and STU locations were placed within areas considered to have the potential of containing archeological sites. Eleven transects were placed along the road between Sectors 3 and 2, and STUs were excavated along six transects within Sector 2. No other areas of archeological potential were identified within the Moscow OTHB-E radar station.

6.4 ARCHEOLOGICAL SURVEY ALONG THE DIRT ROAD CONNECTING SECTORS 3 AND 2

Sector 3 is the southern-most parcel in the Moscow radar station (Figure 17). Sector 3 is connected to Sector 2 by a long dirt road. The property boundary extends approximately 60 m west of the road and is limited on the east by the road. A power line extends along the western side of the road between Sectors 2 and 3 and then angles to the east on the southern side of Sector 1. Observed disturbances associated with the power line include dirt and rock push piles. Logging



Plate 7. View west along southern perimeter road in Sector 3. The excavation of gravel and the grading of this landform extend to the property boundaries.

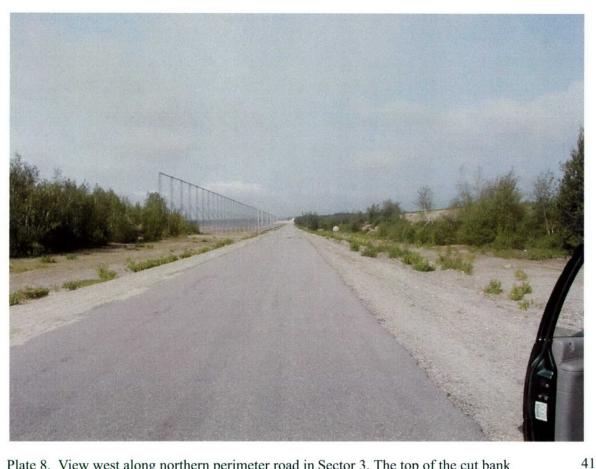


Plate 8. View west along northern perimeter road in Sector 3. The top of the cut bank (right) is property boundary and indicates the original ground surface elevation prior to construction.



Plate 9. JMA crew conducting surface inspection of eroded cut bank in the eastern end of Sector 3. Note that the cut extended to the eastern property boundary (wooded post).



Plate 10. View west of drainage ditch along road in Sector 1 at the Moscow OTHB-E Radar Station.



Plate 11. View north of a wetland in Sector 3 at the Moscow OTHB-E Radar Station.

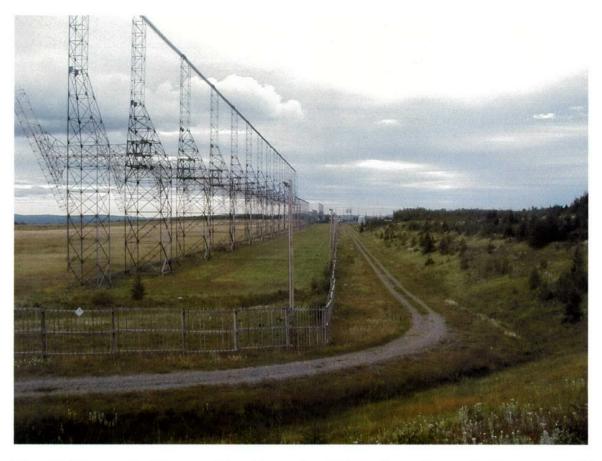


Plate 12. View south of the west side of Sectors 1 and 2 from the northern end of the Sector 1 property showing the deeply cut and graded landform.

and maintenance roads were also noted. The original location of the power line was approximately 30 m west of its present location. The poles were moved during the construction of the Moscow station. The path of the previous power line is still visible in Sector 3 (Plate 13).

Transects T1-T5 and Transects T8-T13 were located on four terraces identified along the western side of the road between Sectors 3 and 2. Two drainages flow beneath the dirt road in this area (Figure 17). Two transects (T1 and T2) containing six STUs and were placed on the southernmost terrace (Plate 14). The soil profiles identified in these STUs consists of a 10 to 17 cm thick level of dark brown 10YR 3/3 organic root matter overlying a 11 cm level of dark reddish brown 5YR 3/4 very fine silty sand. Stratum III consists of a very compact, organic brown 5YR 4/4 very fine silty clay with small rounded pebbles. No cultural material was recovered from any of the STUs excavated on the southern terrace.

Transects T3, T4 and T5 were placed on the north side of the southern-most drainage on a relatively level terrace covered by mature spruce. The soil profiles recorded for STUs excavated on these transects consist of a 7 to 20-cm thick level of very dark grayish brown 10YR 3/2 organic root matter overlying a 9 to 15-cm level of light gray 10YR 7/2 fine silty sand mottled with dark yellowish brown 10YR 4/6 fine silty sand (Stratum II). Stratum III was identified between 10 and 46 cm b.g.s. Stratum III consists of brown 5Y 4/4 compact coarse sands. A fractured rock of questionable cultural origin was recovered from T3.1 in Stratum II. Two radials were placed at a 5-m interval to the north and west of T3.1. No cultural material was recovered from these STUs.

Transects T8-T13 were placed on the north and south terraces above the northern-most drainage (Plate 15). A total of 20 STUs were excavated in these two areas. The soil profiles recorded for these terraces were similar to those recorded for STUs excavated on the terraces to the south. Stratum I consists of a 11 to 34-cm deposit of mottled very dark grayish brown 10YR 3/2 organic root matter and silt mixed with strong brown 7.5YR 5/6 clay and light gray 10YR 7/2 clay. Stratum II consists of a 11 to 31-cm thick deposit of dark yellowish brown 10YR 4/4 silty loam mottled with strong brown 7.5YR 5/6 silty loam. Stratum III was recorded between 31 and 38 cm b.g.s. and consists of olive 5Y 5/4 clay with rounded pebbles. No cultural material was recovered from any of the STUs excavated within this area.

6.4.1 SECTOR 3

Sector 3 is located in the southern-most parcel of the Moscow radar station (Figure 17). It lies at an elevation of 1,489 ft a.m.s.l. Based upon the review of aerial photograph, as-built maps, construction photographs, and by the visual inspection of the property, Sector 3 was determined to contain the least amount of disturbances associated with the construction of the Moscow facility. The archeological survey of Sector 3 was limited to two knoll features in the southern and northern portions of the sector.

A small wetland extends along the southern fence line of Sector 3 (Plate 15). The wetland is likely the result of grading and filling activities conducted in the northern end of the sector. A relatively level east-west oriented knoll lies immediately above (north) of the wetland in the southern portion of Sector 3. The knoll is covered by grass and small deciduous and coniferous trees (Plate 15). Transects T6 and T7 were placed along the southern edge of the knoll and contained 16 STUs. All STUs were spaced at a 25 m interval. This interval was chosen to examine the extent of disturbances within the landform. The survey interval would have been reduced had intact soil profiles been recorded in this area. All excavated STUs recorded disturbed



Plate 13. View northeast from the southwestern corner of Sector 3 showing the disturbances associated with the old power line.

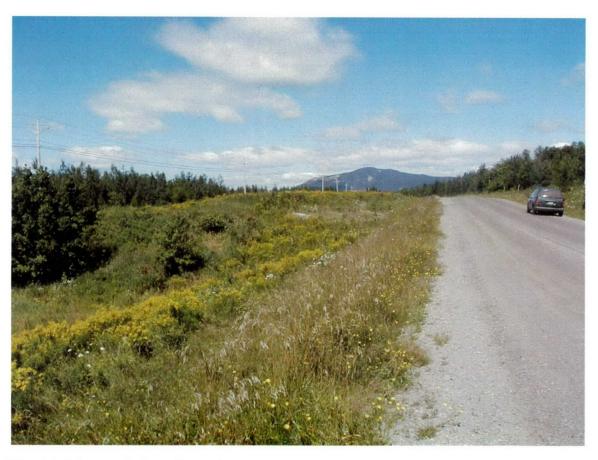


Plate 14. View north along dirt road between Sectors 3 and 2 in the Moscow OTHB-E Radar Station. Knoll containing Transects T1-T3 to left.



Plate 15. View northeast of the knoll containing transects T8-T10 on the west side of dirt road between Sectors 3 and 2 in the Moscow OTHB-E Radar Station.

soil profiles. Soil profiles recorded within STUs of T6 include a 19 to 41-cm level of brown 10YR 5/3 silty loam to yellowish brown 10YR 5/6 silty sand with gravel (Stratum I). Stratum I overlies light olive brown 2.5Y 5/3 clay. Large cobbles and boulders were recorded at a depth of 24 cm b.g.s. No cultural material was recovered from any of these STUs. Transect T7.1 was placed 25 m north of T6.7 on a slightly elevated portion of the knoll. Transect T7 contained nine STUs spaced at a 25-m interval. The soil profile recorded in these STUs consists of a 12 to 51-cm thick deposit of brown 10YR 5/3 silty loam with gravel (Stratum I) overlying compact, reddish brown 5YR 5/4 clay with large cobbles and boulders (Stratum II). No cultural material was recovered from the STUs excavated along T7.

The northern side of Sector 3 contains a knoll that runs along the southern edge of the radar tower array (Plate 16). The knoll measures approximately 30 m east-west by 40 m north-south and is covered by mature hardwood and small softwood trees. The as-built maps for this sector indicated that a drainage was present below (east) the terrace prior to the construction of the station. Several large stumps were noted throughout the area possibly indicating that not all of this portion of the sector has been disturbed by the construction of Sector 3. Six transects (T14-T19) containing 18 STUs were placed within this section of Sector 3. No cultural material was identified in any of the STUs.

Transect 14 was placed approximately 10 m south of the edge of the Sector 3 ground wire and contained four STUs spaced at a 10-m interval (Plate 16). The soil profiles recorded in this portion of Sector 3 consist of an 8 to 12-cm level of organic material with very dark grayish brown 10YR 3/2 fine silty sand. This stratum was mottled with dark yellowish brown 10YR 3/4 sandy loam. Numerous large cobbles were noted below the organic material and light gray 10YR 7/2 clay was recorded in some STUs between 8 and 15 cm b.g.s. Stratum II consists of a 14-cm thick level of yellowish brown 10YR 5/8 sandy loam and Stratum III consists of a light olive brown 2.5Y 5/3 clay. Transect 15 was placed 10 m south of T14 and contained three STUs placed at 10-m intervals. STU T15.3 consists of a 10-cm level of root material overlying a 15-cm level of yellowish red 5YR 4/6 fine sandy loam. Stratum III consisted of a 6-cm thick level of brownish yellow 10YR 6/6 medium sandy loam with 30% gravels. Profiles of T15.1 and T15.2 included three uniform strata.

Transect T16 was placed 10 m south of T15 and contained three STUs (Plate 17). Stratum I consisted of a 12-cm level of organic root matter overlying a 18 to 20-cm thick level of strong brown 7.5YR 4/6 silty loam. Light olive brown 2.5Y 5/3 clay was recorded from 12 to 30 cm b.g.s. Transect 17 was placed 10 m south of T16 and contained two STUs. The soil profiles identified within this portion of the terrace consisted of 12 to 20 cm of organic material overlying 6 to 11 cm of 10YR 5/6 fine sandy loam. Subsoil was recorded between 29 and 40 cm b.g.s. No cultural material was recovered from any of the STUs excavated on T17. Transects T18 contained two STUs and T19 contained one STU. STUs were spaced at a 10-m interval. Three strata were recorded within these STUs. Stratum I consisted of 12 to 20 cm of organic material with very dark grayish brown 10YR 3/2 and silty sand overlying 6 to 12 cm of yellowish brown 10YR 5/6 silty loam (Stratum II). Stratum III consists of light olive brown 2.5Y 5/3 clay.

The archeological survey conducted on a small knoll located in the northern portion of Sector 3 did not recover either Native American or historic archeological materials. Although portions of this knoll appeared to be intact, some disturbances were identified within the STU profiles. Intact soil profiles were identified in portions of the knoll farthest away from the radar ground wire. However, no cultural remains were recovered.



Plate 16. View west of the northern side of Sector 3. The location of Transects T14-T17 is to left.



Plate 17. View southeast of JMA crew excavating STUs on Transect T15 in Sector 3.

6.5 CONCLUSION AND RECOMMENDATIONS FOR THE COLUMBIA FALLS AND MOSCOW OTHB-E RADAR STATIONS

The Phase I archeological survey of the Columbia Falls OTHB-E radar station resulted in the documentation of three newly identified Native American archeological sites and one newly recorded historic site. Site 77.7 ME in Sector 1 in the Columbia Falls radar station can be assigned to the Late Archaic period in Maine based on the presence of ground and pecked stone tools while sites 77.8 ME and 77.9 ME can be attributed only to the general prehistoric period. Phase II site investigation of sites 77.7 ME, 77.8 ME, and 77.9 ME will be necessary to collect sufficient information to permit evaluations of their significance.

Materials from historic site ME 860-001, including blue transfer print ceramics, cut and wire nails, are associated with late nineteenth century dates of manufacture. Site ME 860-001 likely represents the remains of a seasonal hunting camp. This site does not contain artifacts or subsurface features (i.e., privies or wells) which would contribute significant information towards our understanding of the late nineteenth century in this portion of Maine. Therefore, no additional archeological work is recommended at site ME 860-001.

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APPENDIX I: SOIL SEDIMENT PROFILES

(cm) 0-7 7-46 45-55 0-7 7-46 45-55 0-11 11-36 36-41 0-8 8-32 32-41 0-9 9-24 34-32 0-10 10-18 18-28 0-8 8-14 14-21 21-32 0-7 7-12 12-32 0-6 6-21 21-30 10-18 18-28 0-6 6-21 21-30 10-18 18-28 0-6 6-21 21-30 10-18 18-28 0-6 6-11 11-28 0-6 6-11 11-28 0-6 0-6 6-11 11-28 0-6 0-6 0-6 0-7 0-7 0-7 12-32	Transect	STU	Radial	Level	Depth	Soil Description	Cultural Material	Comments
1 0-7 2 7-46 3 45-55 1 0-11 2 11-36 3 36-41 1 0-8 8-32 1 1-36 3 32-41 1 0-9 2 9-24 3 32-41 1 0-9 2 9-24 3 34-32 1 0-10 1 0-12 2 12-21 3 18-28 1 0-6 2 6-21 2 10-18 3 11-28 3 11-28 3 11-28 3 11-28 3 11-28 1 0-6 1 0-6 1 0-6 1 0-6 1 0-7 2 10-18 3 11-28 3 11-28 3 11-28					(cm)			
2 7-46 3 45-55 1 1-36 3 45-55 1 1-36 3 36-41 1 0-11 1 0-8 2 8-32 3 32-41 1 0-9 2 9-24 3 34-32 1 10-18 1 0-10 2 10-18 1 0-8 1 0-8 1 0-8 1 0-8 1 1 0-8 1 1 0-8 1 1 0-8 1 1 0-8 1 1 0-8 1 1 0-8 1 1 0-8 1 1 0-8 1 1 0-6	-	_		-	0-7	10YR3/3 dark brown silt with fine sand 10% cobbles, till		
3 45-55 1 0-11 2 11-36 3 36-41 1 0-8 2 8-32 3 32-41 1 0-9 2 9-24 3 34-32 1 0-9 2 10-18 3 14-21 4 21-31 1 0-7 2 10-18 3 14-21 4 21-31 1 0-6 2 6-21 3 12-30 1 0-6 2 6-21 3 11-28 1 0-6 2 6-11 3 11-28 1 0-6 2 6-11 3 11-28 1 0-6 2 6-11 3 11-28 1 0-6 2 6-11 3 11-28				2	7-46	10YR6/6 brownish yellow silt with fine sand, 20% cobbles, till		
1 0-11 2 11-36 3 36-41 1 0-8 3 36-41 1 0-8 2 8-32 3 32-41 1 0-9 2 9-24 3 34-32 1 0-12 2 12-21 2 10-18 3 18-28 3 14-21 3 11-28 3 11-28 3 11-28 3 11-28 3 11-28 3 11-28 3 11-28 3 11-28 3 11-28 3 11-28 3 11-28 3 11-28 3 11-28				3	45-55	10YR6/4 light yellowish brown fine silt sand		
2 11-36 3 36-41 1 0-8 1 0-8 2 8-32 3 32-41 1 0-9 2 9-24 3 34-32 3 34-32 3 12-21 2 10-18 3 18-28 3 18-28 3 14-21 4 21-31 1 0-6 2 10-18 3 12-32 3 12-32 3 12-32 3 12-32 3 12-32 3 12-32 3 12-32 4 21-31 1 0-6 2 6-21 2 6-21 3 11-28 3 11-28 3 11-28 3 11-28 3 11-28 3 11-28	_	2		1	0-11	10YR3/3 dark brown silt with fine sand 10% cobbles, till		
3 36-41 1 0-8 2 8-32 3 32-41 1 0-9 2 9-24 3 34-32 3 34-32 3 11-21 2 10-18 3 18-28 3 18-28 3 11-32 1 0-6 2 6-21 2 6-21 2 6-11 3 11-28 1 0-4 2 1-36 1 0-6 2 6-11 3 11-28 3 11-28 3 11-28 3 11-28 3 11-28 3 11-28 3 11-28				2	11-36	10YR6/6 brownish yellow silt with fine sand, 20% cobbles, till		
1 0-8 2 8-32 3 32-41 1 0-9 2 9-24 3 34-32 1 0-12 1 0-12 1 0-10 2 12-21 2 12-21 2 10-18 3 18-28 3 14-21 4 21-31 1 0-6 2 6-21 2 6-21 2 6-11 3 11-28 3 11-28 3 11-28 3 11-28 3 11-28 3 11-28 3 11-28 3 11-28 3 11-28				3	36-41	10YR6/4 light yellowish brown fine silt with sand		
2 8-32 3 32-41 1 0-9 2 9-24 3 34-32 1 0-12 1 0-12 2 12-21 2 10-18 3 18-28 1 0-6 2 10-18 3 14-21 4 21-31 1 0-6 2 10-18 3 12-32 3 12-32 3 12-32 3 12-32 4 21-30 1 0-6 2 6-21 3 11-28 3 11-28 1 0-4 1 0-6 1 0-6 2 10-18 3 12-32 3 11-32 3 11-28 1 0-6 1 0-6 1 0-6 2 6-11 3 11-28 3 11-28 1 0-6 1 0-6	_	3		1	8-0	10YR3/3 dark brown silt with fine sand 10% gravel, till		
3 32-41 1 0-9 2 9-24 3 34-32 1 0-12 1 0-12 2 12-21 3 18-28 1 0-6 2 8-14 3 14-21 4 21-31 1 0-6 2 8-14 3 14-21 3 12-32 1 0-6 2 8-14 3 14-21 3 12-32 1 0-6 1 0-6 2 4-21 3 12-32 3 12-36 1 0-6 1 0-6 2 10-18 3 12-32 3 12-36 1 0-6 1 0-6 2 10-18 3 12-32 3 11-28 1 0-6 1 0-6 1 0-6 2 1-11 3 11-28 3 11-28 3 11-28 1 0-6				2	8-32	10YR6/6 brownish yellow silt with fine sand, 20% cobbles, till		
1 0-9 2 9-24 3 34-32 1 0-12 1 0-12 2 12-21 3 21-32 1 0-18 3 18-28 1 0-8 2 8-14 3 14-21 3 12-32 1 0-6 2 8-14 3 14-21 3 12-32 1 0-6 2 6-21 2 10-18 3 12-32 3 12-32 3 12-32 3 12-32 3 12-32 3 12-32 3 12-32 3 11-28 3 11-28 3 11-28 3 11-28 3 11-28				3	32-41	10YR6/4 light yellowish brown fine silt with sand		
2 9-24 3 34-32 1 0-12 2 12-21 2 12-21 3 21-32 1 0-18 3 18-28 1 0-8 2 8-14 3 14-21 3 12-32 1 0-7 2 7-12 3 12-32 1 0-6 1 0-6 2 6-21 3 11-28 1 0-4 2 4-21 3 21-36 1 0-6 1 0-6 1 0-6 1 0-6 1 0-6 1 0-6 1 0-6 1 0-6 1 0-6 1 0-7 2 1-31 3 11-28 3 11-28 3 11-28	_	4		-	6-0	10YR3/3 dark brown silt with fine sand 5% gravel, till		
3 34.32 1 0-12 2 12-21 3 21-32 1 0-10 2 10-18 3 18-28 1 0-8 2 8-14 3 14-21 4 21-31 1 0-7 2 6-21 3 12-32 1 0-6 1 0-6 2 6-21 3 11-28 1 0-6 1 0-6 1 0-6 1 0-7 2 4-21 3 11-28 1 0-6 1 0-6 1 0-7 2 4-21 3 11-28 1 0-6 1 0-7 2 4-21 3 11-28 1 0-6 1 0-7 2 4-21 3 11-28 1 0-6 1 0-7 2 1-13 3 11-28 1 0-6 1 0-7 2 1-11 3 11-28				2	9-24	10YR6/6 brownish yellow silt with fine sand 5% gravel		
1 0-12 2 12-21 3 21-32 1 0-10 2 10-18 3 18-28 1 0-8 1 0-8 1 0-8 1 0-8 2 10-18 3 12-31 1 0-6 2 6-21 3 11-28 1 0-6 1 0-6 2 6-21 3 11-28 1 0-6 1 0-6 1 0-6 2 10-18 3 11-28 1 0-6 1 0-6 1 0-6 2 6-11 3 11-28 1 0-6 1 0-6 1 0-6 2 6-11 3 11-28 1 0-6 1 0-7 2 10-18 3 11-28 1 0-6 1 0-6 2 6-11 3 11-28 1 0-6 1 0-7 2 10-18 3 11-28 1 0-6 1 0-7 2 10-18 3 11-28 1 0-6 1 0-7 2 10-18 3 11-28 1 0-6				3	34-32	10YR6/4 light yellowish brown fine silt sand 15% gravel, till		
2 12-21 3 21-32 1 0-10 2 10-18 3 18-28 1 0-8 1 0-8 1 0-8 1 0-8 1 0-8 1 0-7 1 0-7 2 7-12 3 12-32 1 0-6 2 6-21 3 11-28 1 0-6 1 0-6 2 6-21 3 11-28 1 0-6 1 0-6 1 0-6 1 0-7 2 4-21 3 11-28 1 0-6 1 0-7 2 4-21 3 11-28 1 0-6 1 0-6 1 0-7 2 4-21 3 11-28 1 0-6 1 0-7 2 6-11 3 11-28 1 0-6 1 0-7 2 6-21 3 11-28 1 0-6 1 0-7 2 6-11 3 11-28 1 0-6 1 0-7 2 6-11 3 11-28 1 0-6 1 0-7 2 6-11	_	2		-	0-12	10YR2/2 black fine silt with sand, root mat		
3 21-32 1 0-10 2 10-18 3 18-28 1 0-8 1 0-8 2 8-14 3 14-21 4 21-31 1 0-7 2 7-12 3 12-32 1 0-6 2 6-21 3 12-32 1 0-6 1 0-6 2 6-21 3 11-28 1 0-6 1 0-6 1 0-6 2 6-11 3 11-28 1 0-6 1 0-6 1 0-7 2 4-21 3 11-28 1 0-6 1 0-7 2 4-21 3 11-28 1 0-6 1 0-7 2 6-11 3 11-28 1 0-6 1 0-7 2 6-11 3 11-28 1 0-6 1 0-6 1 0-7 2 6-11 3 11-28 1 0-6 1 0-7 2 6-11 3 11-28 1 0-6 1 0-6 1 0-7 2 6-11 3 11-28 1 0-6 1 0-7 2 6-11				2	12-21	10YR7/2 light gray silt sand		
1 0-10 2 10-18 3 18-28 1 0-8 1 0-8 2 8-14 3 14-21 4 21-31 1 0-7 1 0-7 2 7-12 3 12-32 3 12-32 3 11-28 1 0-6 2 6-11 3 11-28 1 0-4 2 4-21 3 11-28 1 0-6 1 0-6 2 6-11 3 11-28 1 0-6 1 0-6 2 6-11 3 11-28 1 0-6 1 0-6 2 6-11 3 11-28 1 0-6 1 0-6 1 0-6 2 6-11				3	21-32	7.5YR5/6 strong brown silt sand		
2 10-18 3 18-28 1 0-8 2 8-14 3 14-21 4 21-31 1 0-7 2 7-12 3 12-32 3 12-32 3 12-38 1 0-6 2 6-21 3 11-28 1 0-4 2 6-11 3 11-28 1 0-4 2 6-11 3 11-28 1 0-4 2 6-11 3 11-28 1 0-6 1 0-6 2 10-18 3 11-28 1 0-6 1 0-7 2 10-18 3 11-28 1 0-6 1 0-6 2 6-11 3 11-28 1 0-6 1 0-7 2 10-18 3 11-28 1 0-6 1 0-7 3 11-28 1 0-6 1 0-7 3 11-28 3 11-28 3 11-28 3 11-28 3 11-28 3 11-28 3 11-28 3 11-36 3	_	9		1	0-10	10YR2/2 black fine silt with sand		
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1 0-8 2 8-14 3 14-21 4 21-31 1 0-7 2 7-12 2 7-12 3 12-32 3 12-32 3 12-38 3 18-28 3 11-28 1 0-4 2 6-11 3 11-28 1 0-4 2 6-11 3 11-28 1 0-4 2 6-11 3 11-28 1 0-4 2 6-11 3 11-28				3	18-28	10YR6/4 light yellowish brown fine silt sand 20% gravel, till		
2 8-14 3 14-21 4 21-31 1 0-7 2 7-12 3 12-32 1 0-6 2 6-21 3 21-30 2 10-18 3 18-28 1 0-6 1 0-6 2 6-11 3 11-28 1 0-4 2 4-21 3 21-36 1 0-4 2 6-11 3 11-28 1 0-6 1 0-7 2 4-21 3 11-28 1 0-6 1 0-7 2 4-21 3 11-28 1 0-6 1 0-7 2 1-12 3 11-28 1 0-6 1 0-7 2 10-18 3 11-28 1 0-8 3 11-36 1 0-8 3 11-28 3 11-36 3 11-36 3 11-28 3 11-36 3 11-36	-	7		1	8-0	10YR3/3 dark brown silt with fine sand		
3 14-21 4 21-31 1 0-7 2 7-12 3 12-32 1 0-6 1 0-6 2 6-21 2 10-18 3 18-28 1 0-6 2 6-11 3 11-28 1 0-4 2 4-21 3 21-36 1 0-6 1 0-6 2 6-11 3 11-28 1 0-6 1 0-7 2 1-13 3 11-28 1 0-6 1 0-7 2 10-18 3 11-28 1 0-6 1 0-7 2 10-18 3 11-28 1 0-6 1 0-7 2 10-18 3 11-28 1 0-6 1 0-6 1 0-7 2 10-18 3 11-28 1 0-6 1 0-7 3 11-28 1 0-6 1 0-7 3 11-28 1 0-6 1 0-7 3 11-28 1 0-6 1 0-7 3 11-28 1 0-6 1 0-7 1 0-7 1 0-8				2	8-14			
4 21-31 1 0-7 2 7-12 3 12-32 1 0-6 2 6-21 3 21-30 3 10-18 3 11-28 1 0-6 2 6-11 3 11-28 1 0-6 1 0-6 1 0-6 2 6-11 3 21-36 1 0-6 2 6-11 3 11-28 1 0-6 2 6-11 3 11-28 1 0-8				3	14-21	10YR6/6 brownish yellow silt with fine sand		
1 0-7 2 7-12 3 12-32 1 0-6 2 6-21 3 21-30 3 18-28 1 0-6 2 6-11 3 11-28 1 0-4 2 4-21 3 21-36 1 0-6 2 6-11 3 11-28 3 11-28 1 0-6 1 0-6 3 11-28				4	21-31	10YR5/6 yellowish brown fine silt with sand		
2 7-12 3 12-32 1 0-6 2 6-21 3 21-30 2 10-18 3 18-28 1 0-6 2 6-11 3 11-28 1 0-4 1 0-4 2 6-11 3 11-28 1 0-6 1 0-6 2 6-11 3 11-28 1 0-6 1 0-6 1 0-6 2 6-11 3 11-28 1 0-6 1 0-7 2 6-11 3 11-28 1 0-6 1 0-7 3 11-28	1	∞		-	0-7	10YR3/3 dark brown silt with fine sand		
3 12-32 1 0-6 2 6-21 3 21-30 2 10-18 3 18-28 1 0-6 2 6-11 3 11-28 1 0-4 1 0-4 2 6-11 3 11-28 1 0-6 1 0-6 2 6-11 3 11-28 1 0-6 1 0-6 1 0-7 2 6-11 3 11-28 1 0-6 1 0-7 3 11-28 1 0-6 1 0-7 3 11-28				2	7-12	10YR6/6 brownish yellow silt with fine sand		
1 0-6 2 6-21 3 21-30 2 10-18 3 18-28 1 0-6 1 0-6 2 6-11 3 11-28 1 0-4 2 4-21 3 21-36 1 0-6 2 6-11 3 11-28 3 11-28 3 21-36 1 0-6 1 0-6				3	12-32	10YR6/4 light yellowish brown fine silt with sand		
2 6-21 3 21-30 2 10-18 3 18-28 1 0-6 2 6-11 3 11-28 1 0-4 2 4-21 3 21-36 1 0-6 2 6-11 3 11-28 1 0-6 1 0-6 1 0-6 1 0-6 1 0-6 1 0-6 1 0-7 2 4-21 3 21-36 1 0-6 1 0-6 1 0-7 3 11-28 1 0-6 1 0-7 3 11-28	1	6		1	9-0	10YR3/3 dark brown silt with fine sand		
3 21-30 2 10-18 3 18-28 1 0-6 2 6-11 3 11-28 1 0-4 2 4-21 3 21-36 1 0-6 2 6-11 3 11-28 1 0-6 1 0-6				2	6-21	10YR6/6 brownish yellow silt with fine sand		
2 10-18 3 18-28 1 0-6 2 6-11 3 11-28 1 0-4 2 4-21 3 21-36 1 0-6 1 0-6 1 0-6 1 0-8				3	21-30	10YR6/4 light yellowish brown fine silt with sand		
3 18-28 1 0-6 2 6-11 3 11-28 1 0-4 2 4-21 3 21-36 1 0-6 1 0-6 1 0-6 1 0-6 1 0-6	1			2	10-18	110YR6/6 brownish yellow silt with fine sand		
1 0-6 2 6-11 3 11-28 1 0-4 2 4-21 3 21-36 1 0-6 1 0-6 1 0-8				3	18-28	10YR6/4 light yellowish brown fine silt sand 20% gravel, till		
2 6-11 3 11-28 1 0-4 2 4-21 3 21-36 1 0-6 1 0-6 2 6-11 3 11-28	1	10		-	9-0	10YR3/3 dark brown silt with fine sand		
3 11-28 1 0-4 2 4-21 3 21-36 1 0-6 2 6-11 3 11-28				2	6-11	10YR6/6 brownish yellow silt with fine sand		
1 0-4 2 4-21 3 21-36 1 0-6 2 6-11 3 11-28				3	11-28	10YR6/4 light yellowish brown fine silt with sand		
2 4-21 3 21-36 1 0-6 2 6-11 3 11-28	-	=		-	0-4	10YR3/3 dark brown-silt with fine sand		
3 21-36 1 0-6 2 6-11 3 11-28 1 0-8				2	4-21	10YR6/6 brownish yellow silt with fine sand		
1 0-6 2 6-11 3 11-28 1 0-8				3	21-36	10YR6/4 light yellowish brown fine silt with sand		
2 6-11 3 11-28 1 0-8	_	10		-	9-0	10YR3/3 dark brown silt with fine sand		
3 11-28				2	6-11	10YR6/6 brownish yellow silt with fine sand		
1 0-8				3	11-28	10YR6/4 light yellowish brown fine silt with sand		
	_	12		-	8-0	10YR3/3 dark brown loam		
2 8-16 10YR6/6 brow				2	8-16	10YR6/6 brownish yellow sand silt		

Comments																																							
Cultural Material	THE COURT																																						
Soil Description	10YR3/3 dark brown loam	10YR6/6 brownish yellow sand silt	10YR6/4 light yellowish brown coarse sand silt 25% cobble till	10YR3/3 dark brown loam	10YR6/6 brownish yellow sand silt	10YR6/4 light yellowish brown coarse sand silt 25% cobble, till	STU not excavated, bottom of kettle pond	STU not excavated, bottom of kettle pond	STU not excavated, bottom of kettle pond	10YR3/3 dark brown loam	10YR6/6 brownish yellow sand silt	10YR6/4 light yellowish brown coarse sand silt 25% cobble, till	10YR3/3 dark brown loam, root mat	10YR6/6 brownish yellow sand silt	10YR6/4 light yellowish brown coarse sand silt 25% cobble, till	10YR3/3 dark brown loam, root mat	10YR6/6 brownish yellow sand silt	10YR6/4 light yellowish brown coarse sand silt 25% cobble, till	10YR3/3 dark brown loam, root mat	10YR6/6 brownish yellow sand silt	10YR6/4 light yellowish brown coarse sand silt 25% cobble, till	10YR3/3 dark brown loam, root mat	10YR6/6 brownish yellow sand silt	10YR6/4 light yellowish brown coarse sand silt 25% cobble, till	10YR3/3 dark brown loam, root mat	10YR6/6 brownish yellow sand silt	10YR6/4 light yellowish brown coarse sand silt 25% cobble, till	10YR2/1 black loam and root mat	10YR5/2 grayish brown sandy clay	10YR6/6 yellowish brown silty loam > 25% cobbles, till	10YR2/1 black loam and root mat	10YR5/2 grayish brown sandy clay	10YR6/6 yellowish brown silty loam > 25% cobbles, till	10YR3/3 dark brown loam	10YR6/6 brownish yellow sand silt	10YR6/4 light yellowish brown coarse sand silt 10% cobble, till	STU not excavated, bottom of kettle pond	STU not excavated, bottom of kettle pond	STU not excavated ,bottom of kettle pond
Depth (cm)	0-7	7-24	24-34	6-0	9-18	18-30				0-10	10-24	24-36	0-10	10-28	28-38	0-10	10-24	24-36	0-5	5-14	14-26	0-10	10-20	20-32	8-0	8-23	23-34	0-2	2-10	10-20	0-3	3-12	12-33	6-0	9-18	18-30			
revel	1	2	3	1	2	3	1	1	1	1	2	3	-	2	3	-	2	3	-	2	3	-	2	3	-	2	3	-	2	3	-	2	3	-	2	3	1	1	1
Kadiai																																							2
Hallster 310	2 2			2 3					2 6	2 7			2 8			2 9		1	2 10			2			2 12			3			3 2			3			3 4	3 5	3 6

Transect	SIO	Radial	Level	Depth	Soil Description	Cultural	Comments
+	1		-	(cill)		Material	
-			-	7-0	10 Y K2/1 black loam and root mat		
			2	2-10	10YR5/2 grayish brown sandy clay		
-			3	10-20	10YR6/6 yellowish brown silty loam > 25% cobbles, till		
	8		1	0-3	10YR2/1 black loam and root mat		
			2	3-12	10YR5/2 grayish brown sandy clay		
			3	12-33	10YR6/6 yellowish brown silty loam > 25% cobbles, till		
	6		1	0-2	10YR2/1 black loam and root mat		
_			2	2-10	10YR5/2 grayish brown sandy clay		
			3	10-20	10YR6/6 yellowish brown silty loam > 25% cobbles, till		
	10		1	0-2	10YR2/1 black loam and root mat		
			2	2-10	10YR5/2 grayish brown sandy clay		
-			3	10-20	10YR6/6 yellowish brown silty loam > 25% cobbles, till		
			1	0-2	10YR2/1 black loam and root mat		
			2	2-10	10YR5/2 grayish brown sandy clay		
			3	10-20	10YR6/6 yellowish brown silty loam > 25% cobbles, till		
	12		1	0-3	10YR2/1 black loam and root mat		
-			2	3-12	10YR5/2 grayish brown sandy clay		
-			3	12-33	10YR6/6 yellowish brown silty loam > 25% cobbles, till		
			1	8-0	10YR3/3 dark brown silt with fine sand		
_			2	8-12	10YR6/6 brownish yellow silt with fine sand		
+			3	12-24	10YR6/4 light yellowish brown fine silt with sand		
- 1	2		-		STU not excavated, bottom of kettle pond		
	3		-		_		
	4		-		STU not excavated, bottom of kettle pond		
1	5		-	100	STU not excavated, bottom of kettle pond		
-	9		1		STU not excavated, bottom of kettle pond		
_	7		-	0-2	10YR2/1 black loam and root mat		
_			2	2-10	10YR5/2 grayish brown sandy clay		
+			3	10-20	10YR6/6 yellowish brown silty loam > 25% cobbles, till		
_			-	0-3	10YR2/1 black loam and root mat		
	_		2	3-12	10YR5/2 grayish brown sandy clay		
+			3	12-33	10YR6/6 yellowish brown silty loam > 25% cobbles, till		
-	6		-	0-10	10YR3/3 dark brown silt loam		
-			2	10-22	10YR5/8 yellowish brown silt sand 20% gravel, till		
-			3	22-31	10YR6/6 yellowish brown silt sand 20% cobbles, till		
	10		1	0-7	10YR3/3 dark brown silt loam		
			2	7-14	10YR5/8 yellowish brown silt sand 20% gravel, till		
+			3	14-48	10YR7/4 very pale yellow silty sand with 20% gravel, till		
	=		-	0-10	10YR3/3 dark brown silt loam		
-			2	10-36	10YR5/8 yellowish brown silt sand 20% gravel, till		
			3	36-42	2.5YR7/8 vellow fine silt sand		

10YR5/8 yellowish brown silt sand 10YR5/8 yellowish brown silt sand 10YR5/8 yellowish brown silt sand 10YR5/1 grayish brown sandy loam 10YR5/2 grayish brown sandy loam 10YR5/3 yellowish brown sandy loam 10YR5/3 yellowish brown sandy loam 10YR5/3 grayish brown sandy loam 10YR5/3 grayish brown sandy loam 10YR5/3 grayish brown sandy loam 10YR5/2 grayish brown sandy loam 10YR5/3 yellowish brown sandy loam 10YR5/3 grayish brown sandy loam 10YR5/4 grayish brown sandy loam 10YR6/6 yellowish brown sandy loam 10YR6/6 yellow	I ransect	210	Kadial	Level	Depth (cm)	Soil Description	Cultural Material	Comments
1 2 6-19 19-31 1 10-3 19-31 1 10-3 1 10-3 1 1 1 1 1 1 1 1 1		12		-	9-0	silt loam		
1 0-3 19-31 1 1 1 1 1 1 1 1 1				2	6-19	10YR5/8 yellowish brown silt sand		
1 0-3 2 3-8 3 8-11 4 11-28 3 8-11 4 11-28 5 1 0-3 5 1 0-3 6 1 0-3 7 1 0-3 8 1 0-3 9 1 0-3 9 1 0-3 10 1 0-3 10 1 0-3 10 1 0-3 10 1 0-3 10 1 0-3 10 1 0-3 10 1 0-3 11 0-3 12 3-8 13 8-11 14 11-28 15 11-28 16 11-28 17 11-28 18 11-28 19 11-28 10 11 0-10 11 0-10 12 11-28 13 11-28 14 11-28 15 11-20 16 11-20 17 11-20 18 11-20 19 11-20 10 10 11 11-20 11 11-20 12 11-20 13 11-20 14 11-20 15 11-20 17 11-20 18 11-20 19 11-20 10 11-20 11 11-20 11 11-20 12 11-20 13 11-20 14 11-20 15 11-20 16 11-20 17 11-20 18 11-20 19 11-20				3	19-31	10YR6/4 light yellowish brown fine silt with sand		
2 3-8 3 8-11 4 11-28 3 8-11 4 11-28 3 8-11 4 11-28 6 1 0-3 7 1 0-3 8 11 9 1 0-3 9 1 0-3 9 1 0-3 9 1 0-3 10 3 8-11 10 3 8-11 10 3 8-11 11 0-3 10 0-3 11 0-3 12 3-8 13 8-11 14 11-28 16 11-28 17 11-28 18 11-28 19 11-28 10 11-28 10 11-28 10 11-28 11 0-3 11 0-3 12 3-8 13 8-11 14 11-28 16 11-28 17 0-3 18 11-28 19 11-28 10 11-28 10 11-28 11 0-3 11 0-3 12 3-8 13 8-11 14 11-28 16 11-28 17 0-10	5	-		1	0-3	10YR2/1 black loam and root mat		
3 8-11 11-28 11-28 1 11-28 2 3-8 8-11 1 11-28 3 8-11 1 11-28 3 8-11 1 11-28 3 8-11 1 11-28 3 8-11 1 11-28 3 8-11 1 11-28 3 8-11 1 11-28 3 8-11 1 11-28 3 8-11 1 11-28 3 8-11 1 11-28 3 8-11 1 11-28 3 8-11 1 11-28 3 8-11 1 11-28 3 8-11 1 11-28 3 11-28 3 3 3 3 3 3 3 3 3		6		2	3-8	10YR5/2 grayish brown sandy loam		
2 11-28 3 8-11 4 11-28 3 8-11 4 11-28 5 1 0-3 6 1 0-3 6 1 0-3 7 1 0-3 8 8-11 8 8-11 9 8-11 9 11-28 9 8-11 1 0-3 8 8-11 9 11-28 1 0-3 9 11-28 1 0-3 9 11-28 1 0-3 1 0-3 2 3-8 2 3-8 3 8-11 4 11-28 1 0-3 3 8-11 4 11-28 1 0-3 3 8-11 4 11-28 1 0-3 3 8-11 3 8-11 4 11-28 1 0-3 3 8-11 3 8-11 3 8-11 4 11-28 1 0-3 3 8-11 3 8-11 3 8-11 3 8-11 4 11-28 1 0-3 3 8-11 3 3 8-11				3	8-11	10YR5/8 yellowish brown sandy loam		
2 1 0-3 3 8-11 4 11-28 4 11-28 5 1 0-3 6 1 0-3 7 2 3-8 8 11 0-3 7 1 0-3 8 8-11 8 8-11 8 8-11 8 8-11 9 0-3 9 1 0-3 9 1 0-3 10 0-3 10 0-3 10 0-3 10 0-3 10 0-3 10 0-3 11 0-3 11 0-3 12 3-8 13 8-11 14 11-28 16 0-3 17 0-3 18 8-11 19 0-3 10 0-3 10 0-3 10 0-3 10 0-3 10 0-3 11 0-3 11 0-3 12 3-8 13 8-11 14 11-28 16 0-3 17 0-3 18 8-11 19 0-3 10 0-3 10 0-3 10 0-3 10 0-3 11 0-3 11 0-3 12 3-8 13 8-11 14 11-28 15 0-30 16 0-10				4	11-28	10YR6/6 yellowish brown sandy loam		
2 3-8 3 8-11 4 11-28 4 11-28 5 1 0-3 5 1 1 0-3 7 2 3-8 7 2 3-8 8 11 0-3 8 8-11 8 8-11 8 8-11 9 0-3 9 1 0-3 9 1 0-3 10 0		2		1	0-3	10YR2/1 black loam and root mat		
3 8-11 4 11-28 4 11-28 5 1 0-3 6 1 1 0-3 6 1 1 0-3 7 1 0-3 8 8-11 8 8-11 9 1 0-3 8 8-11 1 0-3 8 8-11 9 1 0-3 9 1 0-3 9 1 0-3 9 1 0-3 1 0-10 1 0-10 1 0-10				2	3-8	10YR5/2 grayish brown sandy loam		
3 1 1-28 4 11-28 5 1 0-3 5 2 3-8 6 1 1 0-3 6 1 1-28 6 1 1-28 7 1 0-3 8 8-11 8 8-11 9 1 0-3 9 1 0-3 9 1 1-28 10 0-3 10 0-10 10 0-10				3	8-11	10YR5/8 yellowish brown sandy loam		
3 1 1 6.3 4 1 1 6.3 5 1 0.3 6 2 3.8 8 8.11 7 1 0.3 8 8.11 8 8.11 9 1 0.3 9 1 0.3 9 1 0.3 9 1 0.3 10 1 0.3 11.28 10 10 11.28 11 0.3 11 0.3 12 3.8 11 0.3 11 0.3 12 3.8 11 0.3 11 0.3 11 0.3 12 3.8 11 0.3 11 0.3 12 3.8 11 0.3 13 8.11 14 11.28 15 10.20				4	11-28	10YR6/6 yellowish brown sandy loam		
4 1 0-3 5 1 0-3 6 1 0-3 6 1 0-3 7 1 0-3 8 11-28 9 1 0-3 9 1 0-3 10 1 0-3		3		1		STU not excavated, bottom of kettle pond		
5 1 0-3 6 2 3-8 6 1 0-3 7 1 0-3 8 2 3-8 9 1 0-3 8 1 0-3 8 1 0-3 9 1 0-3 9 1 0-3 10 1 0-3 10 1 0-3 10 1 0-3 10 1 0-3 10 1 0-3 10 1 0-3 10 1 0-3 10 1 0-3 10 1 0-3 10 1 0-3 10 1 0-3 10 1 0-3 10 1 0-3 10 1 0-3 2 3-8 1 3 8-11 1 4 11-28 1 1 0-10 1 2 10-20 3 20-30 3 3 20-30		4		1		STU not excavated, bottom of kettle pond		
6		5		1	0-3	10YR2/1 black loam and root mat		
6 3 8-11 6 1 0-3 7 2 3-8 8 11-28 8 1 0-3 8 1 0-3 9 1 0-3 9 1 0-3 10 1 0-3 10 1 0-3 10 1 0-3 1 0 3 8-11 4 11-28 3 8-11 4 11-28 3 8-11 4 11-28 4 11-28 10 1 0-3 3 1 0 3 8-11 4 11-28 3 8-11 4 11-28 3 8-11 1 0 3 2 3-8 1 0 1 0-10 0 2 1 0 1 0 0 3 2 10-20 0 0 4 11-28 0				2	3-8	10YR5/2 grayish brown sandy loam		
6 11-28 2 3-8 3 8-11 4 11-28 8 11-28 8 11-28 8 11-28 9 1 0-3 9 1 0-3 9 1 0-3 10 0-10 10 0-10				3	8-11	10YR5/8 yellowish brown sandy loam	5	
6 1 0-3 2 3-8 3 8-11 4 11-28 7 2 3-8 8 11 0-3 8 8-11 8 11-28 9 1 0-3 9 1 0-3 9 1 0-3 10 10 11-28 11-28 10 10 11-28				4	11-28	10YR6/6 yellowish brown sandy loam		
2 3-8 3 8-11 4 11-28 8 1 0-3 8 11-28 9 1 0-3 9 1 0-3 9 1 0-3 10 0-3 11 0-3 11 0-3 11 0-3 12 3-8 13 8-11 4 11-28 10 0-3 10 0-3		9		1	0-3	10YR2/1 black loam and root mat		
3 8-11 4 11-28 4 11-28 8 3 8-11 8 1 0-3 9 1 0-3 9 1 0-3 10 1 0-3 10 1 0-3 10 1 0-3 10 2 3-8 10 1 0-3 10 1 0-3 10 2 3-8 11 0-3 10 3 8-11 4 11-28 1 1 0-10 2 10-20 3 20-30				2	3-8	10YR5/2 grayish brown sandy loam		
7 1 1-28 2 3-8 8 11-28 8 11-28 9 1 0-3 9 2 3-8 10 0-3 10 0-3 11 0-3 11 0-3 11 0-3 11 0-3 11 0-3 11 0-3 12 3-8 13 8-11 4 11-28 1 0-3 1 0				3	8-11	10YR5/8 yellowish brown sandy loam		
7 1 0-3 2 3-8 8 8-11 4 11-28 9 1 0-3 9 1 0-3 10 10-3 10 11-28 10 11-28 10 11-28 10 11-28 11 1				4	11-28	10YR6/6 yellowish brown sandy loam		
8 8-11 8 11-28 9 1 0-3 9 1 1-28 10 10-3 10 10-3 10 11-28 10 11-28 10 11-28 10 11-28 10 11-28 10 11-28 10 11-28 10 11-28 10 11-28 11 1-28 11 1-28 12 3-8 13 8-11 14 11-28 1 1 0-3 2 3-8 3 8-11 4 11-28 1 1 0-3 2 3-8 3 8-11 4 11-28 1 1 0-3 3 8-11 4 11-28 1 1 0-3 3 8-11 3 8-11 4 11-28 3 8-11 3 8-11		7		-	0-3	10YR2/1 black loam and root mat		
8 8-11 8 11-28 2 3-8 3 8-11 4 11-28 9 1 0-3 10 10-3 10 10-3 10 11-28 10 11-28 10 11-28 10 11-28 10 11-28 10 11-28 10 11-28 10 11-28 10 11-28 11 1-28 11 1-28 12 3-8 13 8-11 4 11-28 1 1 1-28 1 1 1 1 1 1-28 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				2	3-8	10YR5/2 grayish brown sandy loam		
8 11-28 2 3-8 3 8-11 4 11-28 9 1 0-3 10 10-3 10 10-3 10 11-28 10 11-28 11 1				3	8-11	10YR5/8 yellowish brown sandy loam		
8 1 0-3 2 3-8 3 8-11 4 11-28 10 10-3 10 10-3 10 10-3 10 10-3 10 11-28 11 11				4	11-28	10YR6/6 yellowish brown sandy loam		
9 8-11 4 11-28 2 3-8 2 3-8 2 3-8 10 10-3 10-3 10-3 11-28 1 0-3 1 0-3 1 0-10 1 0-10 1 0-10 1 0-10 3 8-11 3 8		8		-	0-3	10YR2/1 black loam and root mat		
9 8-11 4 11-28 2 3-8 2 3-8 3 8-11 10 1 0-3 1 0-3 1 0-3 1 1-28 1 0-3 1 0-10 2 3-8 3 8-11 4 11-28 1 0-10 2 3-8 3 8-11 3 8-11 3 8-11 4 11-28 3 8-11 3 8-11				2	3-8	10YR5/2 grayish brown sandy loam		
9 11-28 2 3-8 3 8-11 10 1 0-3 1 0-3 1 0-3 1 1-28 1 11-28 1 11-28 1 11-28 1 11-28 2 3-8 3 8-11 4 11-28 3 8-11 3 8-11 3 8-11 3 3 8-11				3	8-11	10YR5/8 yellowish brown sandy loam		
9 1 0-3 2 3-8 3 8-11 4 11-28 10 1 0-3 2 3-8 3 8-11 4 11-28 1 0-10 2 10-20 3 20-30				4	11-28	10YR6/6 yellowish brown sandy loam		
10 2 3-8 3 8-11 4 11-28 1 0-3 2 3-8 2 3-8 1 11-28 1 11-28 1 0-10 2 10-20 3 20-30		6		-	0-3	10YR2/1 black loam and root mat		
3 8-11 4 11-28 10 1 0-3 2 3-8 3 8-11 4 11-28 1 0-10 2 10-20 3 20-30				2	3-8	10YR5/2 grayish brown sandy loam		
10 4 11-28 10 0-3 2 3-8 3 8-11 4 11-28 1 0-10 2 10-20 3 20-30				3	8-11	10YR5/8 yellowish brown sandy loam		
10 10 0-3 2 3-8 3 8-11 4 11-28 1 0-10 2 10-20 3 20-30				4	11-28	10YR6/6 yellowish brown sandy loam		
2 3-8 3 8-11 4 11-28 1 0-10 2 10-20 3 20-30		10		-	0-3	10YR2/1 black loam and root ma		
1 8-11 4 11-28 1 0-10 2 10-20 3 20-30				2	3-8	10YR5/2 grayish brown sandy loam		
1 1-28 1 0-10 2 10-20 3 20-30				3	8-11	10YR5/8 yellowish brown sandy loam		
1 0-10 2 10-20 3 20-30				4	11-28	10YR6/6 yellowish brown sandy loam		
10-20 20-30	9	_		-	0-10	10YR3/3 dark brown silt with fine sand		
20-30		,		2	10-20	10YR6/6 brownish yellow silt with fine sand		
				3	20-30	10YR6/4 light yellowish brown fine silt with sand		

Comments																																							
Cultural Material																																							
Soil Description	10YR3/3 dark brown silt with fine sand		10YR6/4 light yellowish brown fine silt with sand	10YR3/3 dark brown silt with fine sand	10YR6/6 brownish yellow silt with fine sand	10YR6/4 light yellowish brown fine silt with sand	not excavated, disturbed road bed	10YR6/6 brownish yellow silt with fine sand	10YR5/2 grayish brown silt	10YR6/4 light yellowish brown fine silt with sand	10YR6/6 with 10YR 3/3 dark brown fine sand	10YR3/3 dark brown silt with fine sand	10YR6/6 brownish yellow silt with fine sand	10YR6/4 light yellowish brown fine silt with sand	10YR3/3 dark brown silt with fine sand	10YR6/6 brownish yellow silt with fine sand	10YR6/4 light yellowish brown fine silt with sand	10YR3/3 dark brown fine silty sand with 5% gravel, till	10YR5/8 yellowish brown fine silty loam	10YR6/4 light yellowish brown fine silty sand 20% gravel, till	10YR3/3 dark brown fine silty sand with 5% gravel, till	10YR5/8 yellowish brown fine silty loam	10YR6/4 light yellowish brown fine silty sand 20% gravel, till	10YR3/3 dark brown fine silty sand with 5% gravel, till	10YR5/8 yellowish brown fine silty loam	10YR6/4 light yellowish brown fine silty sand 20% gravel, till	10YR3/3 dark brown fine silty sand with 5% gravel, till	10YR5/8 yellowish brown fine silty loam	10YR6/4 light yellowish brown fine silty sand 20% gravel, till	10YR3/3 dark brown fine silty sand with 5% gravel, till	10YR5/8 yellowish brown fine silty loam	10YR6/4 light yellowish brown fine silty sand 20% gravel, till	10YR3/3 dark brown fine silty sand with 5% gravel, till	10YR5/8 yellowish brown fine silty loam	10YR6/4 light yellowish brown fine silty sand 20% gravel, till	10YR3/3 dark brown fine silty sand with 5% gravel, till	10YR5/8 yellowish brown fine silty loam	10YR6/4 light yellowish brown fine silty sand 20% gravel, till	not excavated in disturbed area
(cm)	0-10	10-13	13-23	8-0	8-20	20-30		0-19	19-24	24-34	0-23	0-4	4-19	19-29	0-5	5-25	25-35	0-12	12-21	21-33	0-7	7-22	22-38	0-4	4-17	17-36	9-0	6-18	18-62	0-11	11-17	17-24	8-0	8-16	16-35	9-0	6-14	14-38	7
	1	2	3	1	2	3	1	1	2	3	1	-	2	3	-	2	3	-	2	3	_	2	3	-	2	3	-	2	3	-	2	3	-	2	3	1	2	3	-
																											(9)												
	2			3			4	5			9	7			∞	,		_			2			3			4			2			9			7			∞
	9			9			9	9			9	9	ž		9			7			7			7			7			7			7			7			7

8 8 3 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Material	
2 4 4 4 5 6 6 7 7 8 8 8 8 8 1 1 1 1 2 1 1 3 3 3 4 4 4 4 4 4 4 4 5 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8		10YR3/3 dark brown fine silty loam and root mat	
2 4 4 6 6 6 7 7 8 8 8 8 8 8 8 8 9 1 1 1 2 1 1 3 3 3 3 4 4 4 4 4 4 4 5 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8	11-21 10		
2 4 4 4 5 6 6 6 7 7 8 8 8 8 8 8 9 1 1 1 2 1 3 3 3 3 4 4 4 4 4 4 4 5 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8	21-31 10	10YR6/4 light yellowish brown fine silty sand 10% gravel, till	
3 4 4 4 5 6 6 6 7 7 8 8 8 8 8 8 9 1 1 1 2 2 2 3 3 3 3 3 4 4 4 4 4 4 4 5 5 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8	0-5 10	10YR3/3 dark brown fine silty loam and root mat	
3 6 6 6 6 7 7 8 8 8 9 10 10 10 11 12 13 14 4 4 4 4 4 4 4 4 4 4 4 4 4	5-10 10	10YR5/8 yellowish brown fine silty loam	
3 6 6 6 10 10 10 10 11 11 12 13 14 14 15 16 17 18 18 19 10 10 11 11 12 13 14 14 15 16 17 18 18 18 18 18 18 18 18 18 18	10-20 10	10YR6/4 light yellowish brown fine silty sand 10% gravel, till	
5 6 10 10 10 10 10 10 10 10 10 10		10YR3/3 dark brown fine silty loam and root mat	
5 6 6 10 10 10 10 10 10 10 10 10 10		10YR5/8 yellowish brown fine silty loam	
5 6 6 10 10 1 3 3 4 4 4 4 4 4 5 6 7 8 8 8 1 1 1 2 2 1 1 3 3 3 4 4 4 4 5 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8	21-58 10	10YR6/4 light yellowish brown fine silty sand 10% gravel, till	
5 6 7 10 10 10 10 10 10 10 10 10 10		10YR3/3 dark brown fine silty loam and root mat	
5 6 1 1 1 1 3 3 4 4 4 4 4 4 4 5 6 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8		10YR5/8 yellowish brown fine silty loam	
5 6 7 7 8 8 8 1 1 1 1 2 2 1 1 3 3 3 4 4 4 4 4 4 4 4 4 5 6 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8	20-31 10	10YR6/4 light yellowish brown fine silty sand 10% gravel, till	
6 6 7 7 8 8 8 8 7 9 9 9 9 9 9 9 9 9 9 9 9 9	0-7	10YR3/3 dark brown fine silty loam and root mat	
6		10YR5/8 yellowish brown fine silty loam	
6 8 8 8 10 10 1 2 2 2 3 3 4 4 4 4 4 4 4 5 5 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8	19-30 10	10YR6/4 light yellowish brown fine silty sand 10% gravel, till	
2 1 1 1 1 1 1 1 1 3 3 4 4 4 4 4 4 5 5 7 7 7 7 7 7 7 7 7 7 7 7	0-6	10YR3/3 dark brown fine silty loam and root mat	
3 4 4 4 4 4 4 4 4 4 5 6 7 8 8 1 1 1 1 1 1 1 1 1 1 1 1 1		10YR5/8 yellowish brown fine silty loam	
3 3 3 3 4 4 4 4 4 4 5 5 7 7 7 7 7 7 7 7 7 7 7 7		10YR6/4 light yellowish brown fine silty sand 10% gravel, till	
8 9 1 1 2 2 3 3 4 4 4 4 4 5 5 7 8 8 8 9 1 1 1 1 1 1 1 1 1 1 1 1 1	0-10 dis	disturbed soils, STU terminated	
9 10 1 2 3 3 3 4 4 4 4 4 5 5 5 7 7 7 7 7 7 7 7 7 7 7 7		disturbed soils, STU terminated	
1 2 2 3 3 3 4 4 4 4 4 5 5 7 7 7 7 7 7 7 7 7 7 7 7 7	0-15 dis	disturbed soils, STU terminated	
1 2 3 3 4 4 4 4 4 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7		disturbed soils STU not excavated	
3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		10YR3/3 dark brown fine silty sand with 5% gravel, till	
3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		10YR5/4 yellowish brown fine silty loam	
3 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	24	10YR6/ light yellowish brown fine silty sand 25% gravel, till	
3 4 4 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5	0-5 10	10YR3/3 dark brown fine silty sand with 5% gravel, till	
3 4 4 5 7 1 3 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9		10YR5/4 yellowish brown fine silty loam	
3 4 4 3 5 1 1 1 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	67	10YR6/6 light yellowish brown fine silty sand 20% gravel, till	
4 4 4 5 5 1 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		10YR3/3 dark brown fine silty sand, root mat	
4 4 4 1 1 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		10 YR5/2 albic	
5 5 7 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9		10YR6/4 light yellowish brown fine loess	
5 1 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		10YR6/6light yellowish brown fine loess	
5 3 2 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	.5	10YR6/4 light yellowish brown fine silty sand 20% gravel, till	
5 2 1 3 3 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	0-6	10YR3/3 dark brown fine silty sand, root mat	
5	6-16 103	10YR3/4 strong brown fine silty loam	
5 3 2 1	16-26 103	10YR6/4 light yellowish brown fine silty sand 40% gravel, till	
	0-8 103	10YR3/3 dark brown fine silty sand	
		10YR5/8 yellowish brown fine silty loam	
	12-31 103	10YR6/4 light yellowish brown fine silty sand 20% gravel, till	
4 31	31-36 103	10YR5/4 yellowish brown coarse sand 25% gravel, till	

Transect	STU	Radial	Level	Depth	Soil Description	Cultural	Comments
				(cm)		Material	
6	9		_	0-3	10YR3/3 dark brown fine silty sand with 5% gravel, till		
			2	3-24	10YR5/8 yellowish brown fine sandy loam		
			3	24-37	10YR6/6 light yellowish brown sandy loam		
			4	37-45	10YR6/3 coarse sand		
6	9	East	-	0-10	10YR3/3 dark brown fine silty sand, root mat		
			2	10-35	10YR3/4 strong brown fine silty loam		
			3	35-50	10YR6/4 light yellowish brown fine silty sand 40% gravel, till		
6	7		1	2-0	10YR3/3 dark brown fine silty sand, root mat		
			2	7-14	10YR5/8 yellowish brown fine silty loam		
			3	14-16	10YR6/4 light yellowish brown fine silty sand 20% gravel, till		
			4	16-24	10YR5/4 yellowish brown coarse sand 25% gravel, till		
10	_		1	0-12	10YR3/3 fine silt sand 15% gravel		10
			2	12-21	10YR6/8 light yellowish brown fine silt sand 15% gravel		
			3	21-38	10YR5/8 yellowish brown fine silt sand		
10	2		-	0-12	10YR3/3 dark brown fine silty sand, root mat		
			2	12-23	10YR5/8 yellowish brown fine silty loam		
			3	23-36	10YR6/4 light yellowish brown fine silty sand 10% gravel, till		
10	3		-	0-7	10YR3/3 dark brown fine silty loam and root mat		
			2	7-21	10YR5/8 yellowish brown fine silty loam		
			3	21-32	10YR7/4 light gray fine silty sand		
=	_		-	0-4	10YR3/3 dark brown fine silty loam disturbed soils		
			2	4-22	10YR5/8 yellowish brown fine silty loam		
			3	22-38	10YR6/4 light yellowish brown fine silty sand		
=	2		-	0-13	10YR3/3 dark brown fine silty loam disturbed soils		
			2	13-19	10YR5/8 yellowish brown fine silty loam		
			3	19-25	10YR6/4 light yellowish brown fine silty sand		
=	3		-	9-0	10YR3/3 dark brown fine silty loam and root mat		
			2	6-12	10YR5/8 yellowish brown fine silty loam		
			3	12-24	10YR6/4 light yellowish brown fine silty sand		
			4	24-33	10YR6/4 light yellowish brown fine silty sand 10% gravel		
11	4		-	0-7	10YR3/3 dark brown fine silty loam and root mat		
			2	7-14	10YR5/8 yellowish brown fine silty loam		
			3	14-31	10YR6/4 light yellowish brown fine silty sand		
			4	31-35	10YR6/4 light yellowish brown fine silty sand 10% gravel		
12	-		1	9-0	10YR3/3 dark brown fine silty loam and root mat		
			2	81-9	10YR6/6 brownish yellow silt with fine sand		
			3	18-28	10YR6/4 light yellowish brown fine silty sand 30% gravel		
12	2		1	2-0	10YR3/3 dark brown fine silty loam and root mat		
			2	7-17	10YR6/6 brownish yellow silt with fine sand		
			3	17-27	10YR6/4 light yellowish brown fine silty sand 30% gravel		
						The second secon	

Transect	STU	Radial	Level	Depth	Soil Description Cultural	ural Comments	
12	3			(cm)		rial	
71	c		-	6-0	10 Y R3/3 dark brown fine silty loam and root mat		
			2	61-6	10YR5/8 yellowish brown fine silty loam		
			3	19-29	10YR6/4 light yellowish brown fine silty sand		
			4	29-34	10YR6/4 light yellowish brown fine silty sand 10% gravel		
13	-		1	0-2	10YR2/1 black loam and root mat		
			2	2-10	10YR4/4 dark yellowish brown silty loam		
			3	10-15	10YR5/2 grayish brown sandy clay		I
			4	15-32	10YR5/8 yellowish brown sandy loam with 25% gravel, till		
			5	32-55	10YR6/6 brownish yellow sandy loam with 25% gravel, till		
13	2		1	0-2	10YR2/1 black loam and root mat		
			2	2-12	10YR4/4 dark yellowish brown silty loam		
			3	12-15	10YR5/2 grayish brown sandy clay		
			4	15-38	10YR5/8 yellowish brown sandy loam with 25% gravel, till		
			5	38-60	10YR6/6 brownish yellow sandy loam with 25% gravel, till		100
14	-		1	9-0	10YR2/1 black loam and root mat		
			2	6-28	10YR5/8 yellowish brown silt loam with 20% gravel, till		
			3	28-37	10YR5/8 yellowish brown fine sand with 20% gravel, till		
			4	37-40	10YR6/8 brownish yellow coarse sand and gravel		
14	2		_	8-0	10YR2/1 black loam and root mat		
			2	8-19	10YR5/8 yellowish brown silt loam with 20% gravel, till		
			3	19-39	10YR5/8 yellowish brown fine sand with 20% gravel, till		
			4	39-45	10YR6/8 brownish yellow coarse sand and gravel		
15	-		_	0-5	10YR2/1 black loam and root mat		10
			2	2-4	10YR5/2 gray sandy loam		
			3	4-12	10YR5/8 yellowish brown sandy loam		
			4	12-24	10YR6/6 brownish yellow sandy loam 25% gravel, till		
15	2		-	0-2	10YR2/1 black loam and root mat		
			2	2-4	10YR5/2 gray sandy loam		
			3	4-15	10YR5/8 yellowish brown sandy loam		
			4	15-25	10YR6/6 brownish yellow sandy loam 25% gravel, till		
16			_	0-10	10YR3/3 dark brown silt loam with root mat		
			2	10-26	10YR6/6 brownish yellow sandy silt		
			3	26-40	10YR6/4 light yellowish brown silt sand with 30% gravel, till		
16	2		-	0-10	10YR3/3 dark brown silt loam with root mat		
			2	10-13	10YR5/2 gray silt		
			3	13-33	10YR6/6 brownish yellow sandy silt 20% gravel, till		
			4	33-45	10YR6/4 light yellowish brown silt sand with 30% gravel, till		
16	3			0-10	10YR6/6 brownish yellow silt loam with root mat		
				10-12	10YR5/2 gray silt		
				12-35	10YR6/6 brownish yellow sandy silt 20% gravel, till		
			4	35-45	10YR6/4 light yellowish brown silt sand with 30% gravel, till		I

Comments																						The state of the s																		
Cultural Material																																								
Soil Description	10YR3/3 dark brown silt loam with root mat		10YR6/6 brownish yellow sandy silt 20% gravel, till	10YR6/4 light yellowish brown silt sand with 30% gravel, till	10YR3/3 dark brown silt loam with root mat	10YR5/2 gray silt	10YR6/6 brownish yellow sandy silt 20% gravel, till	10YR6/4 light yellowish brown silt sand with 30% gravel, till	10YR3/3 dark brown silt loam with root mat	10YR5/2 gray silt	10YR6/6 brownish yellow sandy silt 20% gravel, till	10YR6/4 light yellowish brown silt sand with 30% gravel, till	10YR3/3 dark brown silt loam with root mat	10YR5/2 gray silt	10YR5/8 yellowish brown sandy loam	10YR6/6 brownish yellow sandy silt 20% gravel, till	10YR3/3 dark brown silt loam with root mat	10YR5/2 gray silt	10YR5/8 yellowish brown sandy loam	10YR6/6 brownish yellow sandy silt 20% gravel, till	10YR2/1 black loam and root mat	10YR5/2 gray sandy loam	10YR5/8 yellowish brown sandy loam	10YR6/6 brownish yellow sandy loam 25% gravel, till	10YR2/1 black loam and root mat	10YR5/2 gray sandy loam	10YR5/8 yellowish brown sandy loam	10YR6/6 brownish yellow sandy loam 25% gravel, till	10YR2/1 black loam and root mat	10YR5/2 gray sandy loam	10YR5/8 yellowish brown sandy loam	10YR6/6 brownish yellow sandy loam 25% gravel, till	10YR2/1 black loam and root mat	10YR5/2 gray sandy loam	10YR5/8 yellowish brown sandy loam	10YR6/6 brownish yellow sandy loam 25% gravel, till	10YR2/1 black loam and root mat	10YR5/2 gray sandy loam	10YR5/8 yellowish brown sandy loam	10YR6/6 brownish yellow sandy loam 25% grayel, till
Depth (cm)	0-10	10-12	12-32	32-42	6-0	9-12	12-22	22-40	0-10	10-18	18-48	48-58	0-1	1-7	7-17	17-34	6-0	9-12	12-18	18-30	0-2	2-5	5-11	11-26	0-3	3-6	6-11	11-28	0-2	2-6	6-12	12-28	0-2	2-5	5-13	13-28	0-1	1-5	5-14	14-32
Level	1	2	3	4	1	2	3	4						2	3	4	-	2		4			3	4				4				4			3			2		4
Radial																																								
SLO	4				5				9				7				«				_				2				3				4				2			
ansect	16				16				16			1	16				16				17				17			1	17			1	17				17			

18 1 1 1 1 1 1 1 1 1	Transect	STU	Radial	Level	Depth	Soil Description	Cultural	Comments
1 0-6 10/7823 data brown and plant 2 6-14 10/7823 data brown and plant 3 6-14 10/7823 data brown and plant 4 28-56 10/7823 data brown and plant 5 11-29 10/78264 light yellowship brown still and 6 1-29 10/7826 data brown and plant 8 11-29 10/7826 data brown and plant 9 11-29 10/7826 data brown and plant 1 0-14 10/7826 data brown and plant 1 1-29 10/7826 data brown and plant 2 2-9 10/7826 data brown and plant 3 3-143 10/7826 data brown and plant 4 11-28 10/7826 data brown and plant 5 2-9 10/7826 data brown and plant 1 0-1 10/782 data brown and plant 1 0-1 10/782 data brown and plant 2 2-9 10/7826 data brown and plant 3 1-4-14 10/7826 data brown and plant 4 15-23 10/7826 data brown and plant 5 1-4 10/7826 data brown and plant 6 10/7826 data brown and plant 1 0-1 10/7826 data brown and plant 2 6-15 10/7826 data brown and plant 3 10/7826 data brown and plant 4 31-38 10/7826 data brown and plant 5 10/7826 data brown and plant 6 10/7826 data brown and plant 8 10/7826 data brown and plant 9 10-20 10/7826 data brown and plant 1 0-1 10/7826 data brown and plant 2 10/7826 data brown and plant 3 10/7826 data brown and plant					(cm)		Material	
14-28 10/78658 gellowish brown standy loam 22 14-28 10/78656 individuodal brown standy loam 22 28-56 10/78656 individuodal brown standy loam 23 14-28 10/78656 individuodal brown standy loam 23 21-21 10/78656 individuodal brown standy loam 23 21-21 10/78656 individuodal brown standy loam 23 24-14 10/78656 individuodal brown standy loam 23/8/gravel, till 23-25 10/78656 individuodal brown standy loam 23/8/gravel, till 24-28 10/78656 provential yellow fine standy loam 23/8/gravel, till 24-29 10/78656 provential yellow standy loam 23/8/gravel, till 24-29 10/78656 provential yellow fine standy loam 23/8/gravel, till 24-20 10/78656 provential yellow fine standy loam 23/8/gravel, till 24-20 10/78656 provential yellow fine standy loam 23/8/gravel, till 24-20 10/78656 provential yellow fine standy loam 23/8/gravel, till 24-20 10/78656 provential yellow fine standy loam 23/8/gravel, till 24-20 10/78656 provent	18	_		-	9-0	10YR3/3 dark brown silt loam with root mat		
2				2	6-14	10YR5/8 yellowish brown sandy loam		
2				3	14-28	10YR6/4 light yellowish brown silt sand		
2 1 0.49 107R26 yellowish brown sail of man with root mat 3 11-21 107R26 yellowish brown sail samed 4 0.1-20 107R26 yellowish brown sail samed 1 0.4-4 107R26 yellowish brown sail samed 2 4-1-1 107R26 yellowish brown sail youn 3 14-13-3 107R66 brownish yellow saidy loam 1 0.2-2 107R26 black loam and root mat 2 2-1-4 107R26 yellowish brown saidy loam 3 14-13-3 107R66 brownish yellow sandy loam 4 43-15-5 107R26 black loam and root mat 1 0-2 107R26 black loam and root mat 2 2-1-4 107R26 yellowish brown saidy loam 3 6-15 107R26 yellowish brown saidy loam 4 1 16-28 107R26 yellowish brown said year 1 0-6 107R26 brownish wiley loam with root mat 2 1-6 107R26 brownish wiley loam with root mat 3 6-15 107R26 brownish wiley loam with root mat 1 0-6 107R26 dark brown said loam with root mat				4	28-36	10YR6/6 brownish yellow sandy loam 25% gravel, till		
2 9-13 10/PR64 blowns and y loam	18	2		1 .	6-0	10YR3/3 dark brown silt loam with root mat		
3 13-29 10/18/64 ight yellowish town sit sand				2	9-13	10YR5/8 yellowish brown sandy loam		
1				3	13-21	10YR6/4 light yellowish brown silt sand		
1 0.4 107R53 date brown sith coun with root mat 2 44-43 107R543 date brown sith send 3 44-53 107R644 light yellowish brown sith send 4 33-45 107R644 light yellowish brown sith send 5 2-9 107R212 listek loam and root mat 1 0-2 2.9 107R212 listek loam and root mat 1 4 44-28 107R65 brownish yellowish brown sandy loam 25% gravel, till 2 2-9 107R21 gravel yellowish brown sandy loam 25% gravel, till 3 5-14 107R51 gravel brown sandy loam 25% gravel, till 4 14-28 107R51 gravel brown sandy loam 25% gravel, till 5 1-6 107R213 date brown sandy loam 25% gravel, till 6 107R213 date brown sandy loam 25% gravel, till 1 0-10 107R213 date brown sandy loam 25% gravel, till 1 0-10 107R213 date brown sandy loam 25% gravel, till 1 0-10 107R313 date brown sandy loam 25% gravel, till 1 0-10 107R313 date brown sally loam 12% gravel, till 1 0-10 107R313 date brown sally loam 12% gravel, till 2 10-50 107R66 brownish yellow sandy loam 25% gravel, till 3 55-61 107R64 light yellowish brown sall sand 4 31-38 107R68 who was ally loam 25% gravel, till 8 10 107R313 date brown sally loam 25% gravel, till 8 10 107R313 date brown sall sand 1 0-40 107R313 date brown sall sand 2 1-51 107R64 light yellowish brown sall sand 3 50-60 107R66 brownish yellow sandy loam 25% gravel, till 8 10 0-50 107R66 brownish yellow sandy loam 25% gravel, till 1 West 1 0-5 107R68 date brown sall sand 2 5-15 107R68 date brown sall sand 3 12-16 107R614 light yellowish brown sall sand 4 5 5 FCR 5 5 5 5 FCR				4	21-29	10YR6/6 brownish yellow sandy loam 25% gravel, till		
2	18	3		1	0-4	10YR3/3 dark brown silt loam with root mat		
3 14-33 10YR66 brown silt sand 1 0-2 10YR20 blask loam and root mat 2 2-9 10YR20 gravably loam 3 9-14 10YR876 gravably loam 4 14-28 10YR876 gravably loam 5 1-4 10YR876 gravably loam 6 1 10YR30 gravably loam 1 0-1 10YR20 gravably loam 2 1-4 10YR876 gravably loam 3 6-15 10YR876 brownsish pellow sandy loam 4 15-33 10YR866 brownsish pellow sandy loam 5 6-15 10YR876 gravably loam 6 1 0-1 10YR876 gravably loam 7 0-6 10YR876 gravably loam 8 1-14 10YR876 gravably loam 9 0-6 10YR876 gravably loam 1 0-6 10YR876 gravably loam 1 0-6 10YR876 gravably loam 1 0-40 10YR876 gravably loam 2 1-80 10YR866 brownsish yellow sandy loam 3 50-60 10YR866 brownsish loam 1 0-5 10YR866 brownsish loam 1 0-6 10YR876 dravably loam 2 5-15 10YR866 brownsish loam 3 12-16 10YR866 brownsish loam 4 10-50 10YR866 brownsish loam 5 5-15 10YR866 brownsish loam 6 6 10YR878 dark brown silt loam 8 10 0-6 10YR866 brownsish loam 1 0-6 10YR866 brownsish loam 1 0-6 10YR866 brownsish loam 2 5-15 10YR866 brownsish loam 3 12-16 10YR866 brownsish loam 4 0-5 10YR806 brownsish loam 5 5-16 10YR866 brownsish loam 6 6 10YR878 dark brown silt loam 8 12-16 10YR866 brownsish loam 9 10 10 10 10 10 10 10				2	4-14	10YR5/8 yellowish brown sandy loam		
1 0-2 10YR2/0 black foam and root mat 2 2-9 10YR2/0 black foam and root mat 2 2-9 10YR2/0 black foam and root mat 3 9-14 10YR2/0 black foam and root mat 4 4-14-28 10YR2/0 black foam and root mat 5 2 -14 10YR2/0 black foam and root mat 5 2 -14 10YR2/0 black foam and root mat 5 2 -15 10YR2/0 black foam and root mat 6-15 10YR2/0 black foam and root mat 6-15 10YR2/0 black foam and root mat 7 6-15 10YR2/0 black foam and root mat 8 15-31 10YR2/0 black foam and root mat 8 15-31 10YR2/0 black foam and root mat 8 15-31 10YR2/0 black foam and root mat 1 0-40 10YR2/0 black foam and root mat 1 0-40 10YR2/0 black brown silt loam and root mat 1 0-40 10YR2/0 dark brown silt sand 10YR2/0 sand foam 25% gravel, till 1 0-40 10YR2/0 dark brown silt sand 10YR2/0 sand foam 25% gravel, till 1 0-5 10YR2/0 dark brown silt loam 2 2 2 2 2 2 2 2 2				3	14-33	10YR6/4 light yellowish brown silt sand		
1 0-2 10/PR52 gays sandy loam and root mat 2 2-9 10/PR52 gays sandy loam and root mat 3 9-14 10/PR58 yellowshish brown sandy loam 25% gravel, till 1 1 0-18 10/PR58 yellowshish brown sandy loam 25% gravel, till 2 1-6 110/PR52 gays sandy loam 25% gravel, till 3 6-15 10/PR58 yellowshish brown sandy loam 25% gravel, till 4 15-33 10/PR66 brownish yellow sandy loam 25% gravel, till 5 1-15 10/PR58 yellowshish brown sandy loam and root mat 1 0-6 110/PR53 dark brown silt loam with root mat 1 0-10 10/PR53 dark brown silt loam with root mat 1 0-10 10/PR53 dark brown silt loam with root mat 1 0-10 10/PR53 dark brown silt loam with root mat 1 0-10 10/PR53 dark brown silt loam with root mat 2 1-20 10/PR54 dark brown silt loam with root mat 3 50-60 10/PR66 brownish yellow sandy loam 25% gravel, till 5 -14 10/PR54 dark brown silt loam with root mat 6 -15 10/PR54 dark brown silt loam with root mat 1 0-1 0 10/PR54 dark brown silt loam with root mat 2 1-20 10/PR66 brownish yellow sandy loam 25% gravel, till 5 5-15 10/PR66 brownish pellow sandy loam 25% gravel, till 6 -1 10/PR64 light yellowshish brown silt loam 8 -1 1 0-5 10/PR64 light yellowshish brown silt loam 9 -1 10/PR64 light yellowshish brown silt loam 1 0-6 10/PR66 brownish pellow sandy loam 25% gravel, till 1 0-6 10/PR66 brownish yellow sandy loam 25% gravel, till 1 0-5 10/PR66 brownish pellow sandy loam 25% gravel, till 1 0-5 10/PR66 brownish yellow sandy loam 25% gravel, till 1 0-5 10/PR66 brownish yellow sandy loam 25% gravel, till 1 0-5 10/PR66 brownish yellow sandy loam 25% gravel, till 1 0-5 10/PR66 brownish yellow sandy loam 25% gravel, till 2 5-15 10/PR66 brownish yellow sandy loam 25% gravel, till 2 5-15 10/PR66 brownish yellow sandy loam 25% gravel, till 3 6-15 10/PR66 brownish yellow sandy loam 25% gravel, till 5 6-16 10/PR66 brownish yellow sandy loam 25% gravel, till 5 6-16 10/PR66 brownish yellow sandy loam 25% gravel, ti				4	33-35	10YR6/6 brownish yellow sandy loam 25% gravel, till		
2 2-9 10YR8/2 gray sandy loam 3 9-14 10YR8/2 gray sandy loam 4 14-28 10YR8/6 brownish brown sandy loam 2 1-4 10YR8/2 jetlowish brown sandy loam 3 1-15 10YR8/6 yellowish brown sandy loam 4 15-33 10YR8/6 yellowish brown sandy loam 5 1-15 10YR8/8 yellowish brown sandy loam 6 -15 10YR8/8 yellowish brown sandy loam 1 0-16 10YR8/3 dark brown sandy loam 1 1 0-16 10YR8/4 light yellowish brown sind with 10YR8/8 sand 1 1 0-10 10YR8/3 dark brown sindy loam must contain 1 0-10 10YR8/3 dark brown sindy loam with root mat 1 0-10 10YR8/3 dark brown sindy loam must contain 2 10-50 10YR8/6 brownish brown sind sand 3 50-60 10YR8/6 brownish brown sind sand 1 0-7 10YR8/6 brownish brown sind sand 2 10-50 10YR8/6 brownish brown sind sand 3 50-60 10YR8/6 brownish yellow fine silt sand, 10YR8/2 must contain 5 10-7 10YR8/3 dark brown silt loam with root mat 5 10YR8/6 brownish yellow sandy loam 25% gravel, till 8 0-5 10YR8/6 brownish yellow must sand 9 1-1 10-5 10YR8/6 brownish yellow fine silt sand, 10YR8/6 gravel, till 1 0-5 10YR8/6 brownish yellow must sand 1 0-5 10YR8/6 brownish yellow fine silt sand, 10YR8/6 gravel, till 1 0-5 10YR8/6 brownish yellow sandy loam 25% gravel, till 1 0-5 10YR8/6 brownish yellow sandy loam 25% gravel, till 1 0-5 10YR8/6 brownish yellow sandy loam 25% gravel, till 1 0-5 10YR8/6 brownish yellow sandy loam 25% gravel, till 1 0-5 10YR8/6 brownish yellow sandy loam 25% gravel, till 1 0-5 10YR8/6 brownish yellow sandy loam 25% gravel, till 1 0-5 10YR8/6 brownish yellow sandy loam 25% gravel, till 2 5-15 10YR8/8 till yellow sandy loam 25% gravel, till 3 5-15 10YR8/8 till yellow sandy loam 25% gravel, till 5 5-15 10YR8/8 till yellow sandy loam 25% gravel, till 6 5 5 5 5 5 5 5 5 5	19	_		1	0-2	10YR2/1 black loam and root mat		
1 10 10 10 10 10 10 10				2	2-9	10YR5/2 gray sandy loam		
1				3	9-14	10YR5/8 yellowish brown sandy loam		
1 0-1 10YR2/1 black loam and root mat 2 1-6 10YRS/2 grandy loam 2 1-6 10YRS/2 grandy loam 2 1-6 10YRS/2 grandy loam 2 1-6 10YRS/3 grandy loam 2 1-5 10YRS/3 grandy loam 2 1 0-6 10YRS/3 grandy loam 2 1 0-6 10YRS/3 dark brown sit loam with root mat 2 0-15 10YRS/3 dark brown sit loam 1 0-40 10YRS/3 dark brown sit loam 1 0-10 10YRS/3 dark brown sit loam 1 0-5 10YRS/3 dark brown sit loam 1 0-5 10YRS/3 dark brown sit loam 1 0-5 10YRS/3 dark brown sit loam 2 0-12 10YRS/3 dark brown sit loam 2 0-12 10YRS/3 dark brown sit loam 2 0-12 10YRS/3 dark brown sit loam with root mat 2 0-12 10YRS/3 dark brown sit loam with root mat 2 0-12 10YRS/3 dark brown sit loam with root mat 2 0-12 10YRS/3 dark brown sit loam with root mat 2 0-12 10YRS/3 dark brown sit loam 2 0-12 0-12 10YRS/3 dark brown sit loam 2 0-12				4	14-28	10YR6/6 brownish yellow sandy loam 25% gravel, till		
2 1-6 10YRS/2 gray sandy loam 2 6-15 10YRS/6 brownish yellow sandy loam 3 6-15 10YRS/6 brownish yellow sandy loam 4 115-33 10YRS/6 brownish yellow sandy loam 2 6-15 10YRS/6 brown silt loam with root mat 3 115-31 10YRS/6 brown silt loam 4 31-38 10YRS/6 brown silt loam 5 10-10 10YRS/3 dark brown silt loam 1 0-40 10YRS/3 dark brown silt loam 1 0-40 10YRS/3 dark brown silt loam 2 10-50 10YRS/3 dark brown silt loam 3 50-60 10YRS/3 dark brown silt loam 8 10-7 10YRS/3 dark brown silt loam 9 1 0-7 10YRS/6 brownish yellow sandy loam 25% gravel, till 1 0-7 10YRS/6 brownish yellow fine silt sand, 10YRS/2 mottling 1 0-5 10YRS/6 brownish yellow fine silt sand, 10YRS/2 mottling 1 0-5 10YRS/6 brownish yellow sandy loam 25% gravel, till 1 West 1 0-5 10YRS/6 brownish yellow sandy loam 25% gravel, till 1 0-5 10YRS/6 brownish yellow sandy loam 25% gravel, till 2 5-15 10YRS/6 brownish yellow sandy loam 25% gravel, till 3 12-16 10YRS/6 brownish yellow sandy loam 25% gravel, till 3 12-16 10YRS/6 brownish yellow sandy loam 25% gravel, till 1 0-5 10YRS/3 dark brown silt loam 2 5-19 10YRS/6 brownish yellow sandy loam 25% gravel, till 2 5-19 10YRS/3 dark brown silt loam such polam 25% gravel, till 5 5-15 10YRS/6 brownish yellow sandy loam 25% gravel, till 5 5-15 10YRS/6 brownish yellow sandy loam 25% gravel, till 5 5-15 10YRS/6 brownish yellow sandy loam 25% gravel, till 5 5-15 10YRS/6 brownish yellow sandy loam 25% gravel, till 5 5-15 10YRS/6 brownish yellow sandy loam 25% gravel, till 5 5 5 5 5 5 5 5 5	20	_		1	0-1	10YR2/1 black loam and root mat		
3 6-15 10YR&S yellowish brown sandy loam 25% gravel, till 0-6 15-33 10YR&S yellowish brown sit loam with root mat 1 0-6 10YRAS yellowish brown sandy loam 25% gravel, till 0-15 10YRAS yellowish brown sit sand 1-3-31 10YRAS yellowish brown sit loam 25% gravel, till 0-10 10YRAS yellowish brown sit loam 25% gravel, till 0-10 10YRAS yellowish brown sit loam with root mat 1 0-10 10YRAS yellowish brown sit loam with root mat 1 0-10 10YRAS yellowish brown sit loam with root mat 1 0-10 10YRAS yellowish brown sit loam with root mat 1 0-7 10YRAS yellowish yellow sandy loam 25% gravel, till 1 0-5 10YRAS yellowish yellow fine sit sand, 10YR \$7.2 mottling 2 7-20 10YRAS brown sit loam with root mat 2 1-20 10YRAS yellow fine sit sand, 10Xegravel, till 2 5-15 10YRAS yellow fine sit sand, 10Xegravel, till 2 6-12 10YRAS yellow sind your sit loam with root mat 2 6-12 10YRAS yellow sandy loam 25% gravel, till 1 0-6 10YRAS yellow sandy loam 25% gravel, till 1 0-6 10YRAS yellow sandy loam 25% gravel, till 1 0-5 10YRAS yellow sandy loam 25% gravel, till 1 0-6 10YRAS yellow sandy loam 25% gravel, till 1 0-6 10YRAS yellow sandy loam 25% gravel, till 1 0-6 10YRAS yellow sandy loam 25% gravel, till 1 0-6 10YRAS yellow sandy loam 25% gravel, till 1 0-6 10YRAS yellow sandy loam 25% gravel, till 1 0-6 10YRAS yellow sandy loam 25% gravel, till 1 0-6 10YRAS yellow sandy loam 25% gravel, till 1 0-6 10YRAS yellow sandy loam 25% gravel, till 1 0-6 10YRAS yellow sandy loam 25% gravel, till 1 0-6 10YRAS yellow sandy loam 25% gravel, till 1 0-6 10YRAS yellow sandy loam 25% gravel, till 1 0-6 10YRAS yellow sandy loam 25% gravel, till 1 0-6 10YRAS yellow sandy loam 25% gravel, till 1 0-6 10YRAS yellow sandy yell				2	1-6			
1 0-6 10YR8/3 dark brown sit l sand 1 1 1 1 1 1 1 1 1				3	6-15	10YR5/8 yellowish brown sandy loam		
2 10.66 10YR3/3 dark brown silt loam with root mat 2 6-15 10YR6/4 glehy vellowish brown sandy loam 3 15-31 10YR6/4 glehy vellowish brown silt sand 1 0-40 10YR3/3 dark brown silt loam with root mat 1 worked pebble 2 10-50 10YR3/3 dark brown silt loam 1 worked pebble 1 0-10 10YR3/3 dark brown silt loam 1 worked pebble 1 0-7 10YR3/3 dark brown silt loam 1 worked pebble 1 0-7 10YR6/6 brownish yellow sandy loam 25% gravel, till 1 worked pebble 2 7-20 10YR8/3 dark brown silt loam 1 worked pebble 1 0-5 10YR8/3 dark brown silt loam 1 worked 2 5-12 10YR8/3 dark brown silt loam with root mat 2 s-15 3 12-16 10YR8/3 dark brown silt loam with root mat 2 s-15 4 10-5 10YR8/3 dark brown silt loam with root mat 1 s-16 5 10YR8/3 dark brown silt loam with root mat 1 s-16 1 0-5 10YR8/6 brownish yellow sandy loam 25% gravel, till				4	15-33	10YR6/6 brownish yellow sandy loam 25% gravel, till		
2 6-15 10YR6/8 yellowish brown sandy loam 3 15-31 10YR6/4 light yellowish brown silt sand 4 31-38 10YR6/4 light yellows sandy loam 25% gravel, till 1 0-40 10YR3/3 dark brown silt loam with notted with 10YR5/8 sand 1 0-10 10YR3/3 dark brown silt loam mottled with 10YR5/8 sand 1 worked pebble 2 10-50 10YR6/4 light yellowish brown silt sand 1 worked pebble 2 10-50 10YR6/6 brownish yellow sandy loam 25% gravel, till 2 1-20 10YR6/6 brownish yellow fine silt sand, 10YR5/2 mottling 2 5-15 10YR6/6 brownish yellow fine silt sand, 10%gravel, till 2 5-15 10YR6/6 brown silt loam with root mat 2 6-12 10YR6/6 brown silt loam with root mat 2 6-12 10YR6/6 brown silt loam with root mat 3 12-16 10YR6/6 brown silt loam with root mat 2 5-19 10YR6/6 brown silt loam with root mat 2 5-19 10YR6/6 brown silt loam with root mat 2 5-19 10YR6/6 brown silt loam with root mat 2 5-19 10YR6/6 brown silt loam with root mat 2 5-19 10YR6/6 brown silt loam with root mat 2 5-19 10YR6/6 brown silt loam with root mat 3 5-19 10YR6/6 brown silt loam with root mat 3 5-19 10YR6/6 brown silt loam with root mat 3 5-19 10YR6/6 brown silt loam with root mat 3 5-19 10YR6/6 brown silt loam with root mat 3 5-19 10YR6/6 brown silt loam with root mat 3 5-19 10YR6/6 brown silt loam with root mat 3 5-19 10YR6/6 brown silt loam with root mat 3 5-19 10YR6/6 brown silt loam with root mat 3 5-19 10YR6/6 brown silt loam with root mat 3 5-19 10YR6/6 brown silt loam with root mat 3 5-19 10YR6/6 brown silt loam with root mat 3 5-19 10YR6/6 brown silt loam with root mat 3 5-19 10YR6/6 brown silt loam with root mat 3 5-19 10YR6/6 brown silt loam with root mat 3 5-19 10YR6/6 brown silt loam with root mat 3 5-19 10YR6/6 brown silt loam with root mat 3 5-10 10YR6/6 brown silt loam with root mat 3 5-10 10YR6/6 brown silt loam with root mat 3 5-10 10YR6/6 brown silt loam with root mat 3 5-10 10YR6/6 brown silt loam with s	20	2		1	9-0	10YR3/3 dark brown silt loam with root mat		
15-31 10YR6/4 light yellowish brown silt sand 1 0.40 10YR3/3 dark brown silt year, motted with 10YR5/8 sand 1 0.40 10YR3/3 dark brown silt loam with root mat 2 10-50 10YR6/4 light yellowish brown silt sand 3 50-60 10YR6/6 brownish yellow sandy loam 25% gravel, till 1 0.7 10YR6/6 brownish yellow fine silt sand, 10YR 5/2 mottling 1 East 1 0.7 10YR6/6 brownish yellow fine silt sand, 10YR 5/2 mottling 2 5-15 10YR6/6 brown silt loam with root mat 3 12-16 10YR6/4 light yellow sind youn 25% gravel, till 4 31-2-16 10YR6/6 brownish yellow sandy loam 25% gravel, till 5 6-12 10YR6/6 brownish yellow sandy loam 25% gravel, till 6 10YR3/3 dark brown silt loam with root mat 7 8-15 10YR6/6 brownish yellow sandy loam 25% gravel, till 8 10 0.5 10YR3/3 dark brown silt loam with root mat 8 10 0.5 10YR3/3 dark brown silt loam with root mat 8 10 0.5 10YR3/3 dark brown silt loam with root mat 9 5-19 10YR6/6 brownish yellow sandy loam 25% gravel, till 8 5 5 10 5 5 5 8 5 6 6 5 6 5 6 8 7 7 7 7 6 6 6 8 8 7 8 7 8 7 9 9 9 9 9 9 9 9 9 9				2	6-15	10YR5/8 yellowish brown sandy loam		
1 0.40 10YR6/6 brownish yellow sandy loam 25% gravel, till 0.40 10YR8/3 dark brown silty loam, mottled with 10YR5/8 sand 1 0.40 10YR8/3 dark brown silty loam, with root mat 1 0.10 10YR6/4 light yellowish brown silt sand 1 worked pebble 1 0.7 10YR6/6 brownish yellow sandy loam 25% gravel, till 2 7.20 10YR6/6 brownish yellow fine silt sand, 10YR 5/2 mottling 2 5.15 10YR6/6 brownish yellow fine silt sand, 10%gravel, till 0.5 10YR3/3 dark brown silt loam with root mat 2 5.15 10YR6/6 brownish yellow fine silt sand, 10%gravel, till 2 5.15 10YR6/6 brownish yellow silt loam 25% gravel, till 2 5.15 10YR6/6 brownish yellow sandy loam 25% gravel, till 3 12.16 10YR6/6 brownish yellow sandy loam 25% gravel, till 1 0.5 10YR6/6 brownish yellow sandy loam 25% gravel, till 1 5.19 10YR6/6 brownish yellow sandy loam 25% gravel, till 1 5.10 5.19 10YR6/6 brownish yellow sandy loam 25% gravel, till 1 5.10 5				3	15-31	10YR6/4 light yellowish brown silt sand		
1 0-40 10YR3/3 dark brown silty loam, mottled with 10YR5/8 sand 1 0-10 10YR3/3 dark brown silt loam with root mat 1 0-10 10YR6/4 light yellowish brown silt sand 1 worked pebble 1 0-7 10YR3/3 dark brown silt loam 2 7-20 10YR6/6 brownish yellow fine silt sand, 10YR 5/2 mottling 2 7-20 10YR6/6 brownish yellow fine silt sand, 10YR 5/2 mottling 2 5-15 10YR6/6 brownish yellow fine silt sand, 10%gravel, till 2 5-15 10YR6/6 brownish yellow fine silt sand, 10%gravel, till 2 6-12 10YR6/6 brownish yellow sandy loam 25% gravel, till 3 12-16 10YR6/6 brownish yellow sandy loam 25% gravel, till 5-19 10YR6/6 brownish yellow sandy loam 25% gravel, till S001.001 Surface S002.002 Surface S1RCR				4	31-38	10YR6/6 brownish yellow sandy loam 25% gravel, till		
1 0-10 10YR3/3 dark brown silt loam with root mat 1 worked pebble 2 10-50 10YR6/4 light yellowish brown silt sand 3 50-60 10YR6/6 brownish yellow sandy loam 25% gravel, till 1 North 1 0-7 10YR8/6 brownish yellow fine silt sand, 10YR 5/2 mottling 2 7-20 10YR8/6 brownish yellow fine silt sand, 10YR 5/2 mottling 3 10-10 10YR3/3 dark brown silt loam with root mat 4 South 1 0-6 10YR8/3 dark brown silt loam with root mat 5 10 10YR8/6 brownish yellow sandy loam 25% gravel, till 6 10 10YR8/6 brownish yellow sandy loam 25% gravel, till 8 10 10 10 10 10 10 9 10 10 10 10 10 1 South 2 5-19 10 10 10 10 1 South 2 5-19 10 10 10 10 1 South 2 5-19 10 10 10 1 South 3 10 10 10 1 South 5 10 10 1 South 5 10 10 1 South 6 10 10 10 1 South 7 10 10 1 South 7 10 10 1 South 8 10 10 1 South 9 10 10 1 South 10 10 1 South 10 10 10 10 1 South 10 10 10 1 South 10 10 10 10 10 10 1 South 10 10 10 10 10 10	21	_		-	0-40	10YR3/3 dark brown silty loam, mottled with 10YR5/8 sand		
10-50 10YR6/4 light yellow said brown silt sand 3 50-60 10YR6/6 brownish yellow sandy loam 25% gravel, till 10-7 10YR3/3 dark brown silt loam 2 7-20 10YR6/6 brownish yellow fine silt sand, 10YR 5/2 mottling 2 7-20 10YR6/6 brownish yellow fine silt sand, 10YR 5/2 mottling 2 5-15 10YR6/6 brownish yellow fine silt sand, 10/8gravel, till 2 5-15 10YR6/6 brownish yellow fine silt sand 10/8gravel, till 2 6-12 10YR6/4 light yellow sandy loam 25% gravel, till 3 12-16 10YR6/6 brownish yellow sandy loam 25% gravel, till 2 5-19 10YR6/6 brownish yellow sandy loam 25% gravel, till 1 5 5-19 10YR6/6 brownish yellow sandy loam 25% gravel, till 1 5 5-19 10YR6/6 brownish yellow sandy loam 25% gravel, till 1 5 5-19 10YR6/6 brownish yellow sandy loam 25% gravel, till 1 5 5-19 5 5-19 5 5 5 5 5 5 5 5 5	22	-		1	0-10	10YR3/3 dark brown silt loam with root mat	1 worked pebble	possible
North 1 0-7 10YR8/6 brownish yellow sandy loam 25% gravel, till North 1 0-7 10YR3/3 dark brown silt loam 2 7-20 10YR6/6 brownish yellow fine silt sand, 10YR 5/2 mottling 1 East 1 0-5 10YR8/3 dark brown silt loam 1 South 1 0-6 10YR8/3 dark brown silt loam with root mat 2 5-15 10YR6/6 brownish yellow fine silt sand 1 South 1 0-6 10YR3/3 dark brown silt loam with root mat 2 6-12 10YR6/4 light yellow sandy loam 25% gravel, till 3 12-16 10YR6/6 brownish yellow sandy loam 25% gravel, till 2 5-19 10YR6/6 brownish yellow sandy loam 25% gravel, till S001.001 Surface S002.002 Surface SPCR				2	10-50	10YR6/4 light yellowish brown silt sand		
North 1 0-7 10YR3/3 dark brown silt loam 2 7-20 10YR6/6 brownish yellow fine silt sand, 10YR 5/2 mottling 2 7-20 10YR8/6 brownish yellow fine silt sand, 10%gravel, till 2 5-15 10YR6/6 brownish yellow fine silt sand 2 6-12 10YR6/6 brownish yellow silt loam with root mat 2 6-12 10YR6/6 brownish yellow sandy loam 25% gravel, till 3 12-16 10YR6/6 brownish yellow sandy loam 25% gravel, till 2 5-19 10YR6/6 brownish yellow sandy loam 25% gravel, till S001.001 Surface S002.002 Surface S002.002 Surface SFCR				3	99-09	10YR6/6 brownish yellow sandy loam 25% gravel, till		
1 East 1 0-5 10YR8/6 brownish yellow fine silt sand, 10YR 5/2 mottling 1 South 1 0-6 10YR8/3 dark brown silt loam 10YR6/6 brownish yellow fine silt sand, 10%gravel, till 2 6-12 10YR6/4 light yellowish brown silt sand 3 12-16 10YR6/6 brownish yellow sandy loam 25% gravel, till 1 West 1 0-5 10YR8/6 brownish yellow sandy loam 25% gravel, till 1 pebble, bifacially worked 1 West 2 5-19 10YR6/6 brownish yellow sandy loam 25% gravel, till 1 pebble, bifacially worked S002.002 Surface 5 FCR	22		North	-	0-7	10YR3/3 dark brown silt loam		
East 1 0-5 10YR3/3 dark brown silt loam 2 5-15 10YR6/6 brownish yellow fine silt sand, 10%gravel, till 2 6-12 10YR6/4 light yellow sint brown silt sand 3 12-16 10YR6/6 brownish yellow sandy loam 25% gravel, till 3 10-16 10YR6/6 brownish yellow sandy loam 25% gravel, till 2 5-19 10YR6/6 brownish yellow sandy loam 25% gravel, till 1 1 2 2 3 3 3 3 3 3 3 3				2	7-20	10YR6/6 brownish yellow fine silt sand, 10YR 5/2 mottling		
South 1 South 1 0-6 10YR6/6 brownish yellow fine silt sand, 10%gravel, till 2 6-12 10YR6/4 light yellowish brown silt sand 3 12-16 10YR6/6 brownish yellow sandy loam 25% gravel, till 1 West 1 0-5 10YR3/3 dark brown silt loam with root mat 2 5-19 10YR6/6 brownish yellow sandy loam 25% gravel, till 1 pebble, bifacially worked S002.002 Surface S002.002 Surface S002.002 Surface S002.003 Surface S002.003 Surface S002.004 Surface S002.005 Surface S002.005 Surface S002.007 Surface S002.007	22	1	East	-	0-5	10YR3/3 dark brown silt loam		
1 South 1 0-6 10YR3/3 dark brown silt loam with root mat 2 6-12 10YR6/4 light yellowish brown silt sand 3 12-16 10YR6/6 brownish yellow sandy loam 25% gravel, till 1 0-5 10YR6/6 brownish yellow sandy loam 25% gravel, till 1 1 10YR6/6 brownish yellow sandy loam 25% gravel, till 1				2	5-15	10YR6/6 brownish yellow fine silt sand, 10%gravel, till		
2 6-12 10YR6/4 light yellowish brown silt sand 3 12-16 10YR6/6 brownish yellow sandy loam 25% gravel, till 1 West 1 0-5 10YR3/3 dark brown silt loam with root mat 2 5-19 10YR6/6 brownish yellow sandy loam 25% gravel, till 1 pebble, bifacially worked S001.001 Surface 5 FCR	22	_	South	-	9-0	10YR3/3 dark brown silt loam with root mat		
1 West 1 0-5 10YR6/6 brownish yellow sandy loam 25% gravel, till 2 5-19 10YR6/6 brownish yellow sandy loam 25% gravel, till 5001.001 Surface S002.002 Surface 5 FCR				2	6-12	10YR6/4 light yellowish brown silt sand		
1 West 1 0-5 10YR3/3 dark brown silt loam with root mat 2 5-19 10YR6/6 brownish yellow sandy loam 25% gravel, till S001.001 Surface S002.002 Surface 5 FCR				3	12-16	10YR6/6 brownish yellow sandy loam 25% gravel, till		
5-19 10YR6/6 brownish yellow sandy loam 25% gravel, till S001.001 Surface S002.002 Surface Surface 5 FCR	22	-	West	-	0-5	10YR3/3 dark brown silt loam with root mat		
Surface 1 pebble, bifacially worked 5 FCR				2	5-19	10YR6/6 brownish yellow sandy loam 25% gravel, till		
Surface 5 FCR					S001.001	Surface	1 pebble, bifacially worked	Possible
					S002.002	Surface	S FCR	20000
					N. T.			

S.																																							
Comments																																							sl.
Cultural Material																																							
Soil Description	10YR3/3 dark brown silt loam with root mat	10YR5/8 yellowish brown sandy loam	10YR6/4 light yellowish brown silt sand	10YR6/6 brownish yellow sandy loam	10YR3/2 black silty loam and root mat	10YR5/8 yellowish brown sandy loam	10YR7/1 light gray sandy loam	10YR6/6 brownish yellow sandy loam	10YR3/2 black silty loam and root mat	10YR5/8 yellowish brown sandy loam	10YR7/1 light gray sandy loam	10YR6/6 brownish yellow sandy loam	10YR3/2 black silty loam and root mat	10YR5/8 yellowish brown sandy loam	10YR7/1 light gray sandy loam	10YR6/6 brownish yellow sandy loam	10YR3/3 dark brown silt loam with root mat	10YR5/8 yellowish brown sandy loam	10YR6/4 light yellowish brown silt sand	10YR6/6 brownish yellow sandy loam	10YR3/3 dark brown silt loam with root mat	10YR5/8 yellowish brown sandy loam	10YR6/4 light yellowish brown silt sand	10YR6/6 brownish yellow sandy loam	10YR3/3 dark brown silt loam with root mat	10YR5/8 yellowish brown sandy loam	10YR6/4 light yellowish brown silt sand	10YR6/6 brownish yellow sandy loam	10YR3/3 dark brown silt loam with root mat	10YR6/4 light yellowish brown silt sand	10YR6/6 brownish yellow sandy loam	10YR3/3 dark brown silt loam with root mat	10YR6/4 light yellowish brown silt sand	10YR6/6 brownish yellow sandy loam	10YR3/2 black silty loam and root mat	10YR5/8 yellowish brown sandy loam	10YR7/1 light gray sandy loam	10YR6/6 brownish yellow sandy loam	
Depth (cm)	0-7	7-16	16-31	31-35	0-2	2-7	7-16	16-38	0-2	2-6	6-14	14-36	0-5	2-8	8-17	17-41	9-0	6-12	12-28	28-38	2-0	7-14	14-28	28-32	0-7	7-13	13-28	28-40	0-11	11-28	28-38	0-10	10-27	27-38	0-2	2-9	9-14	14-35	
Level	1	2	3	4	-	2	3	4	1	2	3	4	-	2	3	4	1	2	3	4	-	2	3	4	1	2	3	4	-	2	3	-	2	3	1	2	3	4	
Radial					7																		No.										9-						
STU	2				_				2				3				_				2				1				_			2			1			10	
ansect	22				23				23				23				24				24				25				56			26			27				

	Iransect SIO	Radial	Level	Depth	Soil Description	Cultural	Comments
2 1 0-2 3 10-15 3 10-15 3 10-15 3 10-15 3 10-15 3 10-2 2 2-7 3 7-16 4 16-40 1 0-10 2 10-30 2 10-30 3 14-20 3 14-20 3 14-20 3 14-40 2 3-9 3 16-30 1 0-3 2 3-9 3 11-28 3 11-28 3 10-26 3 10-26 3 10-26 3 11-31 3 11-31 3 11-31				(cm)		Material	
2 2-10 3 10-15 3 10-15 4 15-40 4 15-40 1 0-2 2 2-7 2 2-7 3 7-16 1 0-10 1 0-10 2 10-30 3 14-20 3 14-20 3 14-20 3 14-20 3 14-20 3 14-20 3 14-20 3 14-20 3 14-20 3 14-20 3 14-20 3 14-20 3 14-20 3 14-20 3 14-20 3 14-20 3 11-28 3 11-28 3 11-28 3 11-28 3 11-28 3 11-28 3 11-28 3 11-28 3 11-28 3 11-28 3 11-31 3 11-31			1	0-2	10YR3/2 black silty loam and root mat		
3 10-15 3 10-15 4 15-40 1 0-2 2 2-7 3 7-16 1 1 0-10 1 0-10 1 0-10 2 10-30 3 14-20 3 14-20 3 14-20 3 14-20 3 14-20 3 14-30 1 0-3 1 0-5 1 0-6 1 0-6 1 0-6 1 0-6 1 0-6 1 0-7 2 3-16 3 11-28 3 11-28 3 11-28 3 11-38 3 11-38 3 11-38			2	2-10	10YR5/8 yellowish brown sandy loam		
3 15-40 3 1 0-2 4 15-40 5 2-7 7 16-40 1 16-40 1 10-10 1 10-10 1 10-10 1 10-2 1 10-3 1 10-3 1 10-3 1 10-3 1 10-3 1 10-3 1 10-3 1 10-3 1 10-5 1 10-6 1 10-6 1 10-6 1 10-8 1 10-8 1 10-8 1 10-8 1 10-13 1			3	10-15	10YR7/1 light gray sandy loam		
3 1 0-2 2 2-7 3 7-16 1 0-10 1 0-10 2 10-30 2 10-30 2 10-30 3 14-20 3 14-20 3 14-20 3 14-20 3 14-20 3 14-20 3 14-20 3 14-20 3 14-20 3 16-30 1 0-3 2 3-9 3 16-30 1 0-5 2 3-16 2 3-16 3 11-28 3 11-28 3 10-26 3 11-28 3 11-28 3 11-28 3 11-28 3 11-28 3 11-31 3 17-31			4	15-40	10YR6/6 brownish yellow sandy loam		
2 2-7 3 7-16 1 1 0-10 2 10-30 2 10-30 2 10-30 3 14-20 3 14-20 3 14-20 3 14-20 3 14-20 3 14-20 3 14-20 3 14-20 3 14-20 3 14-20 3 14-20 3 14-20 3 14-20 3 14-20 3 14-20 3 16-30 3 16-30 3 11-28 3 10-26 3 10-26 3 10-26 3 17-31 3 17-31			1	0-2	10YR3/2 black silty loam and root mat		
1 1-6-40 1-6-40 1-6-40 1-6-40 1-6-40 1-6-40 1-6-40 1-6-40 1-6-40 1-6-40 1-6-40 1-6-40 1-6-40 1-6-60 1-60			2	2-7	10YR5/8 yellowish brown sandy loam		
1 1 16-40 2 2 10-30 2 10-30 3 20-40 4 30-40 4 30-40 5 14-20 3 14-20 3 14-20 3 14-20 3 14-20 3 14-20 3 14-20 3 14-20 3 14-20 3 14-20 3 14-20 3 16-30 1 0-3 2 3-16 1 0-5 1 0-5 1 0-6 2 6-10 3 11-28 3 11-28 3 11-28 3 11-28 3 11-28 3 11-38 3 11-38 3 11-38 3 11-38 4 28-39 3 10-26 3 17-31			3	7-16	10YR7/1 light gray sandy loam		
1 0-10 2 10-30 2 10-30 3 4 30-40 4 30-40 4 30-40 5 14-20 3 14-20 3 14-20 3 14-20 3 14-20 3 14-20 3 14-20 3 14-40 5 37-42 5 37-42 5 37-42 5 37-42 6 -14 7 0-3 7 1 0-3 7 1 0-3 7 1 1-28 7 1 1 0-6 7 1 1 0-6 7 1 1 0-6 7 1 1 0-6 7 1 1 0-6 7 1 1 0-6 7 1 1 0-6 7 1 1 0-6 7 1 1 0-8 7 1 1 0-8 7 1 1 1-38 7 11-31 7 11-31 7 11-31			4	16-40	10YR6/6 brownish yellow sandy loam		
2 10-30 4 30-40 4 30-40 1 0-6 2 6-14 3 14-20 3 14-20 3 14-20 4 20-37 5 37-42 3 25-40 1 0-3 2 3-9 1 1 0-3 1 1 0-3 2 3-16 1 0-5 2 3-16 3 16-30 3 16-30 2 3-16 1 0-5 2 3-16 3 10-26 4 28-39 2 6-10 3 10-26 4 26-35 3 10-26 4 26-35 3 11-28 4 28-39 4 28-39 4 26-35 3 11-28 4 26-35 3 11-28 4 26-35 4 26-35 3 17-31 4 31-34	28 1		-	0-10	10YR3/3 dark brown silt loam with root mat		
2 1 0-6 2 6-14 3 14-20 3 14-20 3 14-20 3 37-42 3 37-42 3 37-42 3 37-42 3 14-20 3 25-40 1 0-3 2 3-9 3 16-30 1 0-3 3 16-30 2 3-16 3 16-30 3 11-28 3 11-28 3 11-28 4 28-39 2 6-10 3 10-26 3 10-26 4 26-35 3 17-31 4 13-3			2	10-30	10YR6/4 light yellowish brown silt sand, 10% gravel, till		
2 1 0-6 3 14-20 3 14-20 3 14-20 3 14-20 3 14-20 1 0-7 5 37-42 2 37-42 3 14-40 2 3-9 2 3-9 3 16-30 1 0-3 1 0-3 2 3-16 1 0-3 3 16-30 2 3-16 3 16-30 3 11-28 3 11-28 3 11-28 3 11-26 3 10-26 3 17-31 3 17-31			4	30-40	10YR6/6 brownish yellow sandy loam, 30% gravel, till		
2 6-14 3 14-20 3 14-20 3 14-20 3 14-20 1 0-7 5 37-42 5 37-42 1 0-7 7 25-40 1 0-3 2 3-9 2 3-9 3 16-30 1 0-5 2 3-16 3 16-30 2 3-16 3 16-30 3 10-26 3 10-26 3 17-31 3 17-31			1	9-0	10YR3/3 dark brown silt loam with root mat		
3 14-20 3 14-20 3 20-37 5 37-42 1 0-7 2 7-25 3 25-40 1 0-3 2 3-9 2 3-16 3 9-14 4 1440 2 3-16 3 16-30 2 5-11 2 5-11 2 6-10 3 10-26 4 26-35 3 10-26 4 26-35 3 17-31 4 13-34			2	6-14	10YR6/6 brownish yellow sandy loam, 30% gravel, till		
3 17.42 3 1.0-7 1 0-7 2 7.25 3 25.40 1 0-3 2 3-9 2 3-9 3 9.14 4 14.40 2 3-16 3 16.30 1 0.5 1 0.5 2 5-11 2 5-11 3 10.26 3 10.26 3 10.26 4 26.35 3 10.26 4 26.35 3 11.28 4 28.39 4 28.39 4 26.35 3 10.26 4 26.35 4 26.35 4 26.35 4 26.35 3 11.28 4 26.35 4 3 17.31 4 3 17.31 4 3 17.31			3	14-20	10YR5/2 grayish brown silt		
3 1742 3 1 0-7 1 0-7 2 7-25 3 25-40 1 0-3 2 3-9 4 1440 2 3-14 4 1440 2 3-16 3 16-30 2 5-11 2 5-11 3 11-28 4 28-39 4 28-39 5 6-10 3 10-26 4 26-35 3 17-31 4 31-34			4	20-37	10YR6/6 brownish yellow sandy loam, 10% gravel, till		
3 1 0-7 1 0-7 2 7-25 3 25-40 1 1 0-3 2 3-9 2 3-9 1 4 14-40 2 3-16 3 16-30 1 0-5 2 5-11 2 5-11 3 11-28 3 10-26 3 10-26 3 17-31 3 17-31			5	37-42	10YR6/4 light yellowish brown silt sand with 30% gravel		
2 7-25 3 25-40 1 0-3 2 3-9 2 3-9 2 3-14 4 14-40 2 3-16 3 9-14 4 14-40 2 3-16 3 16-30 3 11-28 4 28-39 2 6-10 3 10-26 3 10-26 4 26-35 3 17-31 4 31-34			-	2-0	10YR3/3 dark brown silt loam with root mat		
1 1 0-3 2 3-9 3 9-14 4 14-40 2 3-16 1 0-3 1 10-3 3 16-30 3 16-30 3 11-28 3 11-28 3 10-26 4 26-35 3 10-26 4 26-35 3 17-31 4 31-34			2	7-25	10YR6/4 light yellowish brown silt sand, 10% gravel, till		
1 0-3 2 3-9 3 9-14 4 14-40 1 0-3 2 3-16 1 0-3 1 0-3 1 0-3 2 3-16 3 16-30 3 11-28 3 11-28 3 11-28 4 28-39 2 6-10 3 10-26 3 10-26 3 10-26 3 17-31 4 31-34			3	25-40	10YR6/6 brownish yellow sandy loam, 30% gravel, till		
2 3-9 3 9-14 4 14-40 1 0-3 1 0-3 1 16-30 3 16-30 2 3-16 3 16-30 3 11-28 3 11-28 4 28-39 2 6-10 3 10-26 4 26-35 3 17-31 4 31-34	29		-	0-3	10YR3/2 very dark grayish brown silty loam with root mat		
2 1 1.440 1 1.440 2 3-16 3 16-30 1 0-5 1 0-5 2 5-11 2 5-11 3 11-28 4 28-39 2 6-10 3 10-26 4 26-35 3 10-26 4 26-35 3 17-31 4 31-34			2	3-9	10YR5/8 yellowish brown sandy loam		
2 1 0-3 2 3-16 3 16-30 1 0-5 2 5-11 2 5-11 2 6-10 3 10-26 3 10-26 3 17-31 3 17-31			3	9-14	10YR5/2 grayish brown sandy clay		
2 1 0-3 1 16-30 1 1 0-5 1 10-5 2 5-11 2 5-11 2 5-11 3 11-28 4 28-39 2 6-10 3 10-26 3 10-26 3 17-31 3 17-31			4	14-40	10YR6/6 brownish yellow sandy loam		
2 3-16 3 16-30 1 0-5 2 5-11 2 5-11 2 11-28 3 11-28 4 28-39 2 6-10 3 10-26 3 10-26 3 17-31 3 17-31			-	0-3	10YR3/2 very dark grayish brown silty loam with root mat		
1 16-30 10YR6/6 brownish ye 1 0-5 10YR3/3 dark brown 2 5-11 10YR5/8 yellowish by 3 11-28 10YR6/4 light yellow 4 28-39 10YR6/6 brownish ye 2 6-10 10YR3/3 dark brown 3 10-26 10YR6/4 light yellow 3 10-26 10YR6/4 light yellow 3 10-26 10YR6/4 light yellow 4 26-35 10YR6/6 brownish ye 5 8-17 10YR5/8 yellowish by 7 17-31 10YR6/4 light yellow 7 17-31 10YR6/4 light yellow	,		2	3-16	10YR5/8 yellowish brown sandy loam		
1 0-5 10YR3/3 dark brown 2 5-11 10YR5/8 yellowish box 3 11-28 10YR6/4 light yellow 4 28-39 10YR6/6 brownish ye 1 0-6 10YR3/3 dark brown 2 6-10 10YR3/3 dark brown 3 10-26 10YR6/4 light yellow 3 10-26 10YR6/6 brownish ye 26-35 10YR6/6 brownish ye 26-35 10YR6/6 brownish ye 26-35 10YR3/3 dark brown 3 17-31 10YR5/8 yellowish by 3 17-31 10YR6/4 light yellow 4 31-34 10YR6/6 brownish ye			3	16-30	10YR6/6 brownish yellow sandy loam		
2 5-11 10YR5/8 yellowish b 3 11-28 10YR6/4 light yellow 4 28-39 10YR6/6 brownish ye 1 0-6 10YR3/3 dark brown 2 6-10 10YR5/8 yellowish b 3 10-26 10YR6/4 light yellow 4 26-35 10YR6/6 brownish ye 2 8-17 10YR5/8 yellowish b 3 17-31 10YR5/8 yellowish b	30 1		-	0-5	10YR3/3 dark brown silt loam with root mat		
3 11-28 10YR6/4 light yellow 4 28-39 10YR6/6 brownish ye 1 0-6 10YR3/3 dark brown 2 6-10 10YR5/8 yellowish box 3 10-26 10YR6/4 light yellow 4 26-35 10YR6/4 light yellow 2 8-17 10YR3/3 dark brown 3 17-31 10YR5/8 yellowish box 3 17-31 10YR6/4 light yellow 3 17-31 10YR6/4 light yellow 4 31-34 10YR6/6 brownish ye			2	5-11	10YR5/8 yellowish brown sandy loam		27
2 10YR6/6 brownish ye 2 6-10 10YR3/3 dark brown 2 6-10 10YR5/8 yellowish by 3 10-26 10YR6/4 light yellow 4 26-35 10YR6/6 brownish ye 2 8-17 10YR3/3 dark brown 3 17-31 10YR6/4 light yellowish by 4 31-34 10YR6/6 brownish ye			3	11-28	10YR6/4 light yellowish brown silt sand		
2 6-10 10YR3/3 dark brown 2 6-10 10YR5/8 yellowish bb 3 10-26 10YR6/4 light yellow 4 26-35 10YR6/6 brownish ye 2 8-17 10YR3/3 dark brown 3 17-31 10YR5/8 yellowish bb 3 17-31 10YR6/4 light yellow 4 31-34 10YR6/6 brownish ye			4	28-39	10YR6/6 brownish yellow sandy loam		
2 6-10 10YR5/8 yellowish bracked 3 10-26 10YR6/4 light yellow 4 26-35 10YR6/6 brownish yellow 1 0-8 10YR3/3 dark brown 2 8-17 10YR3/3 yellowish bracked 3 17-31 10YR6/4 light yellow 4 31-34 10YR6/6 brownish yellow 1 10YR6/6 brownish yellow 2 1 10YR6/6 brownish yellow 2 1 1 10YR6/6 brownish yellow 3 1 1 1 1 1 1 1 1 1			-	9-0	10YR3/3 dark brown silt loam with root mat		
3 10-26 10YR6/4 light yellow 4 26-35 10YR6/6 brownish ye 1 0-8 10YR3/3 dark brown 2 8-17 10YR3/3 dark brown 3 17-31 10YR5/8 yellowish but yellow 4 31-34 10YR6/4 light yellow			2	6-10	10YR5/8 yellowish brown sandy loam		
3 10YR6/6 brownish ye 26-35 10YR6/6 brownish ye 10YR3/3 dark brown 2 8-17 10YR5/8 yellowish brown 3 17-31 10YR6/4 light yellow 4 31-34 10YR6/6 brownish ye			3	10-26	10YR6/4 light yellowish brown silt sand		
3 10YR3/3 dark brown 2 8-17 10YR5/8 yellowish brown 3 17-31 10YR6/4 light yellow 4 31-34 10YR6/6 brownish yellow			4	26-35	10YR6/6 brownish yellow sandy loam		
8-17 10YR5/8 yellowish bit 17-31 10YR6/4 light yellow 31-34 10YR6/6 brownish ye			-	8-0	10YR3/3 dark brown silt loam with root mat		
31-34			2	8-17	10YR5/8 yellowish brown sandy loam		
31-34			3	17-31	10YR6/4 light yellowish brown silt sand		
			4	31-34	10YR6/6 brownish yellow sandy loam		

Transect	STU	Radial	Level	Depth (cm)	Soil Description	Cultural Material	Comments
30	4		1	0-5	10YR3/3 dark brown silt loam with root mat		
			2	5-13	10YR5/8 yellowish brown sandy loam		
			3	13-36	10YR6/4 light yellowish brown silt sand		
			4	36-41	10YR6/6 brownish yellow sandy loam		
30	5		1	0-2	10YR3/2 very dark grayish brown loam		
			2	2-4	10YR5/2 grayish brown sandy clay		
			3	4-11	10YR4/4 dark yellowish brown sandy loam		
			4	11-29	10YR5/8 yellowish brown sandy loam		
			5	29-34	10YR6/6 brownish yellow sandy loam		
30	9		1	0-2	10YR3/2 very dark grayish brown loam		
			2	2-4			
			3	4-27	10YR6/6 brownish yellow sandy loam		
			4	27-38	10YR6/4 light yellowish brown silt sand		
31	_		-	0-3	10YR3/2 very dark grayish brown silty loam with root mat		
			2	3-16			
			3	16-30	10YR6/6 brownish yellow sandy loam		
31	7		-	0-2	10YR3/2 very dark grayish brown silty loam with root mat		
			2	2-19	10YR5/8 yellowish brown sandy loam		
			3	19-40	10YR6/6 brownish yellow sandy loam		
31	3		1	0-2	10YR3/2 very dark grayish brown silty loam with root mat		
			2	2-12	10YR5/8 yellowish brown sandy loam		
			3	12-32	10YR6/6 brownish yellow sandy loam		8.7
31	4		-	0-2	10YR3/2 very dark grayish brown silty loam with root mat		
			2	2-14	10YR5/8 yellowish brown sandy loam		
			3	14-36	10YR6/6 brownish yellow sandy loam		
31	2		-	9-0			
			2	91-9	10YR6/6 brownish yellow sandy loam		
31	9		-	0-4			
			2	4-14	10YR6/6 brownish yellow sandy loam		
31	7		-	0-2	10YR3/2 very dark grayish brown loam		
			2	2-4	10YR5/2 grayish brown sandy clay		
			3	4-20	10YR4/4 dark yellowish brown sandy loam		
			4	20-29	10YR5/8 yellowish brown sandy loam		
			5	29-33	10YR7/1 light gray sandy loam		
			9	33-40	10YR6/4 light yellowish brown		
32	_		-	0-11	10YR3/3 dark brown silt loam with root mat		
		Y.T	2	11-38	10YR6/4 light yellowish brown silt sand		
			3	38-48	10YR6/6 brownish yellow sandy loam		
32	2		-	9-0	10YR3/3 dark brown silt loam with root mat		
			2	6-14	10YR6/4 light yellowish brown silt sand		
			3	14-24	10YR6/6 brownish yellow sandy loam		

Transect	STU	Radial	Level	Depth	Soil Description	Comments
32	,		-	0.10	Material	
25	2		-	0-10	10 Y R3/3 dark brown silt loam with root mat	
			2	10-24	10YR6/4 light yellowish brown silt sand	
			3	24-36	10YR6/6 brownish yellow sandy loam	
32	4		1	0-5	10YR3/3 dark brown silt loam with root mat	
	7		2	5-29	10YR6/4 light yellowish brown silt sand	
			3	39-39	10YR6/6 brownish yellow sandy loam	
33	_		1	0-2	10YR3/2 very dark grayish brown loam	
			2	2-5	10YR5/2 grayish brown sandy clay	
			3	5-17	10YR5/8 yellowish brown sandy loam	
			4	17-31	10YR6/6 brownish yellow sandy loam	
34	1		1	0-2	10YR3/2 very dark grayish brown loam	
			2	2-7	10YR5/2 grayish brown sandy clay	
			3	7-19	10YR5/8 yellowish brown sandy loam	
	7/11		4	19-32	10YR6/6 brownish yellow sandy loam	
34	2		1	9-0	10YR3/3 dark brown silt loam with root mat	
			2	6-13	10YR6/4 light yellowish brown silt sand	
			3	13-26	10YR6/6 brownish yellow sandy loam	
34	3		1	8-0	10YR3/3 dark brown silt loam with root mat	
			2	8-25	10YR6/4 light yellowish brown silt sand	
	8		3	25-31	10YR6/6 brownish yellow sandy loam	
35	-		-	9-0	10YR 3/3 sandy silt and root mat	No edge of mid-kettle
			2	6-21	10YR 3/3 and 10YR 5/8 sandy silt with 15% gravels	
1			3	21-38	10YR 5/8 yellowish brown sands and gravels	
			4	38-45	10YR 6/8brownish yellow rocks and gravel	
35	2		-	0-11	10YR 3/3 dark brown sandy silt and root mat	
			2	11-20	10YR 3/3 and 10YR 5/8 sandy silt with 15% gravels	
			3	20-33	10YR 5/8 yellowish brown sands and gravels	
			4	33-35	10YR 6/8 brownish yellow rocks and gravel	
35	3		-	0-12	10YR 3/3 dark brown sandy silt and root mat	
			2	12-14	10YR 3/3 dark brown and 10YR 5/8 sandy silt with 15% gravels	
			3	14-32	10YR 5/8 yellowish brown sands and gravels	
			4	32-40	10YR 6/8 brownish yellow rocks and gravel	
35	4	-	-	6-0	10YR 3/3 dark brown sandy silt and root mat	
			2	9-21	10YR 5/8 yellowish brown sands and gravels	
			3	21-30	10YR 6/6 brownish yellow rocks and gravel	
35	5		1	8-0	10YR 3/3 dark brown sandy silt and root mat	
			2	8-16	10YR 5/8 yellowish brown sands and gravel	
			3	16-28	10YR 6/6 brownish yellow rocks and gravel	
36	-		1	0-11	10YR 3/3 dark brown sandy silt and root mat	
			2	11-16	10YR 6/6 brownish yellow sandy silt with 15% gravel	
			3	16-26	10YR 6/4 light yellowish brown silty sand with 30% gravels, till	

1 0-12 10YR 3/3 dark brown sandy silt and root mat 2 12-30 10YR 6/6 brownish yellow sandy silt with 15% gravel 3 25-27 10YR 6/6 brownish yellow sandy silt with 15% gravel 3 25-27 10YR 6/6 brownish yellow sandy silt with 15% gravel 4 16-18 10YR 3/3 dark brown sandy silt with 15% gravel 5 -14 10YR 3/3 dark brown sandy silt with 25% gravel 1 0-7 10YR 5/2 graysh brown silt 2 7-17 10YR 5/2 graysh brown silt 3 17-27 10YR 5/2 graysh brown silt 4 10-7 10YR 6/6 brownish yellow sandy silt with 15% gravel 5 2 1-17 10YR 6/6 brownish yellow sandy silt with 30% gravel 6 1 0-7 10YR 6/6 brownish yellow sandy silt with 30% gravel 9 17-27 10YR 6/6 brownish yellow sandy silt with 30% gravel 1 0-17 10YR 6/6 brownish yellow sandy silt with 30% gravel 1 0-17 10YR 6/6 brownish yellow sandy silt with 30% gravel 1 0-17 10YR 6/6 brownish yellow sandy silt with 30% gravel 1 0-17 10YR 6/6 brownish yellow sandy silt with 30% gravel 1 0-18 10YR 3/3 dark brown sandy silt with 30% gravel 1 0-19 10YR 8/3 dark brown sandy silt with 30% gravel, till 2 12-37 10YR 6/6 brownish yellow sandy silt with 30% gravel, till 3 25-28 10YR 6/6 brownish yellow sandy silt with 30% gravel, till 1 0-6 10YR 3/3 dark brown sandy silt with 30% gravel, till 2 6-37 10YR 6/6 brownish yellow sandy silt with 30% gravel, till 3 6-37 10YR 6/6 brownish yellow sandy silt with 30% gravel, till 1 0-6 10YR 3/3 dark brown sandy silt with 30% gravel, till 1 0-1 10YR 3/3 dark brown sandy silt with 30% gravel, till 1 0-1 10YR 3/3 dark brown sandy silt with 30% gravel, till 1 0-1 10YR 3/3 dark brown sandy silt with 30% gravel, till 1 0-1 10YR 3/3 dark brown sandy silt with 30% gravel, till 1 0-1 10YR 3/3 dark brown sandy silt with 30% gravel, till 1 0-1 10YR 3/3 dark brown sandy silt with 30% gravel, till 1 0-1 10YR 3/3 dark brown sandy silt with 30% gravel, till 1 0-1 10YR 3/3 dark brown	Transect	STU	Radial	Level	Depth (cm)	Soil Description	Cultural Material	Comments
3 10.10 10.078 3.0 dark betwoen sandy silt with 15% grave 1 10.11 10.078 3.0 dark betwoen sandy silt with 15% grave 1 10.12 10.078 6.4 light yellowsish brown silty sand with 30% gravel till 3 25.27 10.078 6.4 light yellowsish brown silty sand with 30% gravel till 3 25.27 10.078 6.4 light yellowsish brown silty sand with 30% gravel till 3 25.27 20.078 6.4 light yellowsish brown silty sand with 30% gravel till 3 25.27 20.078 6.4 light yellowsish brown silty sand with 30% gravel till 3 25.27 20.078 6.4 light yellowsish brown silt 2 2.14 20.078 6.7 light brown sandy clay 2 2.14 20.078 6.7 light brown sandy silty with 20% gravel till 2 2.14 20.078 6.7 light brown sandy silt with 20% gravel till 2 2.14 20.078 6.7 light brown sandy silt with 20% gravel till 2 2.14 20.078 6.7 light brown sandy silt with 20% gravel till 2 2.14 20.078 6.7 light brown sandy silt with 20% gravel till 2 2.14 20.078 6.7 light brown sandy silt with 20% gravel, till 2 2.25 20.078 6.7 light brown sandy silt with 20% gravel, till 2 2.25 2	36	2		1	0-12	10YR 3/3 dark brown sandy silt and root mat		
3 10 6-13 10 10 10 10 10 10 10				2	12-30	10YR 6/6 brownish yellow sandy silt with 15% gravel		
2 11-2-27 10YR 60 brownish yellow sandy sil with 15% graved 3 cut nails	36	3		-	0-13		1 cut nail. 2 pieces of cast iron. 1fcr	ME 860-001
3 25-27 107R 8.04 dark brown stardy silt root mat 2 5-14 107R 8.04 dark brown stardy silt root mat 3 5-14 107R 8.04 dark brown stardy silt with 25% gravel for 4 16-18 107R 8.04 dark brown stardy silt with 25% gravel for 5 14-16 107R 8.04 dark brown stardy silt with 25% gravel for 6 107R 8.04 dark brown stardy silt with 15% gravel Stoneware, gray sale-glazed exterior, black 8 1-17 107R 8.04 dark brown stardy silt with 15% gravel Stoneware, gray sale-glazed exterior, black 9 10-12 107R 8.04 dark brown stardy silt with 15% gravel 1 0-7 107R 8.04 dark brown stardy silt with 15% gravel 2 7-17 107R 8.04 dark brown stardy silt with 15% gravel 3 7-12 107R 8.04 dark brown stardy sta				2	13-25	10YR 6/6 brownish yellow sandy silt with 15% gravel		
3 North 1 0-5 10 PR 3.0 dark brown sandy silt not mat 3 cut nails 3 14-16 10 PR 5.0 dark brown sandy ellow 10 PR 5.0 dark brown sandy ellow sandy silt with 15% gravel 10 PR 5.0 dark brown sandy silt with 15% gravel 10 PR 5.0 dark brown sandy silt with 15% gravel 10 PR 5.0 dark brown sandy silt with 15% gravel 10 PR 5.0 dark brown sandy silt with 15% gravel 10 PR 5.0 dark brown sandy silt with 15% gravel till 10 PR 5.0 dark brown sandy silt with 15% gravel till 10 PR 5.0 dark brown sandy silt and root mat 10 PR 5.0 dark brown sandy silt and root mat 10 PR 5.0 dark brown sandy silt and root mat 10 PR 5.0 dark brown sandy silt and root mat 10 PR 5.0 dark brown sandy silt and root mat 10 PR 5.0 dark brown sandy silt and root mat 10 PR 5.0 dark brown sandy silt and root mat 10 PR 5.0 dark brown sandy silt with 30% gravel, till 10 PR 5.0 dark brown sandy silt with 30% gravel, till 10 PR 5.0 dark brown sandy silt with 30% gravel, till 10 PR 5.0 dark brown sandy silt with 30% gravel, till 10 PR 5.0 dark brown sandy silt with 30% gravel,				3	25-27	10YR 6/4 light yellowish brown silty sand with 30% gravel, till		
2	36	3	North	-	0-5	10YR 3/3 dark brown sandy silt root mat	3 cut nails	ME 860-001
14-16 10 PR 3.0 dark brown sandy clay				2	5-14	10YR 6/6 brownish yellow sandy silt with 25% gravel	fcr	
3 East 4 16-18 107R 5.2 grayish brown sirt Stoneware, gay salt-glazed exterior, black 2 7-17 107R 5.2 grayish brown sirt Stoneware, gay salt-glazed exterior, black 3 South 1 0-7 107R 6.6 brownish yellow sandy silt with 15% gravel 3 West 1 0-7 107R 6.6 brownish yellow sandy silt with 20% gravel 4 1 0-1 107R 6.6 brownish yellow sandy silt with 15% gravel 4 1 0-1 107R 8.6 brownish yellow sandy silt with 20% gravel, till 5 1 107R 8.6 brownish yellow sandy silt with 20% gravel, till 6 1 1 0-12 107R 8.6 brownish yellow sandy silt with 20% gravel, till 5 1 107R 1.0 dr ke brown sandy silt with 20% gravel, till 1 0-12 107R 8.3 dr ke brown sandy silt with 20% gravel, till 6 1 0-12 107R 8.0 flight yellowish brown sandy silt with 30% gravel, till 1 0-6 107R 8.3 dark brown sandy silt and root mat 7 6-37 107R 8.0 flight brown sandy silt and root mat 2 9-19 107R 8.0 flowwish yellow sandy silt with 30% gravel, till <td></td> <td></td> <td></td> <td>3</td> <td>14-16</td> <td>10YR 3/3 dark brown sandy clay</td> <td></td> <td></td>				3	14-16	10YR 3/3 dark brown sandy clay		
3 East 1 0-7 10YR \$3.9 dark brown sandy city with 15% grave! Stoneware, gray sale-glazed exterior, black glaze interior 3 7-17 10YR \$6.6 brownish yellow sandy silt with 15% grave! Interior 4 1 0-7 10YR \$6.0 brownish yellow sandy silt with 15% grave! 4 1 0-7 10YR \$6.0 brownish yellow sandy silt with 20% grave! 4 1 0-7 10YR \$6.0 brownish yellow sandy silt with 30% grave! till 5 1.125 10YR \$6.6 brownish yellow sandy silt with 30% grave! till 5 1.125 10YR \$6.6 brownish yellow sandy silt with 30% grave! till 6 1.125 10YR \$6.6 brownish yellow sandy silt with 30% grave! till 5 1.125 10YR \$6.6 brownish yellow sandy silt with 30% grave! till 6 1.125 10YR \$6.6 brownish yellow sandy silt with 30% grave! till 6 1.2-37 10YR \$6.6 brownish yellow sandy silt with 30% grave! till 7 2.2 6-37 10YR \$6.6 brownish yellow sandy silt with 30% grave! till 8 1 0-6 10YR \$6.0 brownish yellow sandy silt with 30% grave! till 9 1 0-9				4	16-18	10YR 5/2 grayish brown silt		
2 7-17 10YR 5/2grayish brown silt 3 17-27 10YR 6/6 brownish yellow sandy silt with 15% gravel 1 0-7 10YR 5/2 grayish brown silt with 15% gravel 2 7-17 10YR 6/6 brownish yellow sandy silt with 20% gravel 4 1 0-11 10YR 3/3 dark brown sandy silt and toot mat 2 11-25 10YR 6/4 light yellowish brown silty sand with 30% gravel, till 3 25-28 10YR 6/4 light yellowish brown silty sand with 30% gravel, till 5 1 0-12 10YR 3/3 dark brown sandy silt and root mat 2 12-37 10YR 6/4 light yellowish brown silty sand with 30% gravel, till 6 6 1 0-6 10YR 3/3 dark brown sandy silt and root mat 7 0-6 10YR 3/3 dark brown sandy silt and root mat 8 1 0-6 10YR 3/3 dark brown sandy silt with 30% gravel, till 7 0-6 10YR 3/3 dark brown sandy silt with 30% gravel, till 8 1 0-9 10YR 6/6 brownish yellow sandy silt with 30% gravel, till 9 0-4 10YR 3/3 dark brown sandy silt and root mat 1 0-4 10YR 6/6 brownish yellow sandy silt with 30% gravel, till 1 0-9 10YR 3/3 dark brown sandy silt and root mat 2 10-22 10YR 6/6 brownish yellow sandy silt with 30% gravel, till 1 0-9 10YR 3/3 dark brown sandy silt and root mat 2 10-22 10YR 6/6 brownish yellow sandy silt and root mat 2 10-22 10YR 6/6 brownish yellow sandy silt and root mat 1 0-10 10YR 3/3 dark brown sandy silt and root mat 2 10-22 10YR 6/6 brownish yellow sandy silt and root mat 3 17-25 10YR 6/6 brownish yellow sandy silt and root mat 3 17-25 10YR 6/8 brownish yellow sandy silt and root mat 3 17-25 10YR 8/8 yellowish brown sandy loan	36	3	East	1	2-0	10YR 3/3 dark brown sandy clay	Stoneware, gray salt-glazed exterior, black glaze interior	ME 860-001
3 South 1 0-7 3 West 1 0-7 4 0-7 5 11-25 5 11-25 7-17 6 0-6 6 0-7 7 0-12 7 1 0-12 7 1 0-6 7 1 0-6 8 1 0-6 9 1 0-6 10 0-10 10 1 0-10 11 0-9 11 0-9 11 0-9 11 0-9 11 0-9 11 0-9 11 0-9 11 0-9 11 0-9 11 0-9 11 0-9 11 0-9 11 0-9 11 0-9 11 1 0-9 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				2	7-17	10YR 5/2grayish brown silt		
3 South 1 0-7 3 West 1 0-7 4 1 0-7 4 1 0-7 5 11-25 5 11-25 7-17 7 0-6 6 1 0-6 7 1 0-6 7 1 0-6 8 1 0-6 8 1 0-6 1 0-6 1 0-6 1 0-6 1 0-6 1 0-6 1 0-7 2 11-25 3 37-39 9 1 0-6 1 0-6 1 0-9 1 0-10 1 0-10 1 0-10 1 1 0-9 1 1 1 0-9				3	17-27	10YR 6/6 brownish yellow sandy silt with 15% gravel		
3 West 1 0-7 4 0-7 4 1 0-11 5 11-25 3 25-28 3 25-28 6 1 0-12 7 2 12-37 7 0-6 6 1 0-6 7 0-9 8 1 0-9 9 1 0-9 10 0-10 11 0-10 11 0-10 11 0-10 11 0-10 11 0-10 11 0-2 11 0-2 11 0-2 11 0-2 11 1-22 11-25 11-25	36	3	South	-	0-7	10YR 5/2 grayish brown silt		
3 West 1 0-7 4 1 0-11 5 2 11-25 3 25-28 3 25-28 3 37-39 6 1 0-12 7 1 0-6 8 1 0-9 8 1 0-9 9 1 0-9 10 1 0-10 11 1 0-9 11 1 0-9 11 1 0-9 11 1 0-2 2 2-17 3 17-25				2	7-17	10YR 6/6 brownish yellow sandy silt with 20% gravel		
4 2 7-17 5 11-25 5 1 0-11 6 1 0-12 7 1 0-6 8 1 0-9 9 1 0-9 10 2 6-37 8 1 0-9 9 1 0-9 10 2 4-17 11 0-9 11 0-9 11 0-9 11 0-2 11 0-2 2 2-17 3 17-25	36	3	West	1	2-0	10YR 3/3 dark brown sandy silt root mat		
4 1 0-11 5 11-25 3 25-28 6 1 0-12 7 2 12-37 8 1 0-6 9 1 0-9 10 2 6-37 9 1 0-9 10 2 4-17 10 1 0-9 11 1 0-9 1 1 0-9 1 1 0-2 1 1 0-2 1 1 0-2 2 2 2-17 3 17-25				2	7-17	10YR 6/6 sandy silt with 15% gravel		
5 11-25 3 25-28 5 1 0-12 6 1 0-12 3 37-39 6 1 0-6 7 1 0-6 8 1 0-9 9 1 0-4 10 0-10 11 0-9 11 0-9 12 10-22 13 17-25	36	4		1	0-11	10YR 3/3 dark brown sandy silt and root mat		
5 3 25-28 6 1 0-12 6 1 0-6 7 1 0-6 8 1 0-6 9 1 0-9 10 2 6-37 9 1 0-9 10 2 4-17 11 0-10 1 0-9 1 0-9 1 0-9 1 0-2 2 2-17 3 17-25				2	11-25	10YR 6/6 brownish yellow sandy silt with 30% gravel, till		
5 1 0-12 6 2 12-37 6 1 0-6 7 1 0-6 8 1 0-6 8 1 0-9 9 1 0-4 9 1 0-4 10 1 0-10 11 0 0-9 11 0 0 1 0 0 2 10-22 11 0 0 2 1 0 2 1 0 2 2 10-22 1 0 0 2 2 2-17 3 17-25				3	25-28	10YR 6/4 light yellowish brown silty sand with 30% gravel, till		
6 6 1 1 0-6 7 2 6-37 7 7 1 0-6 8 1 0-6 9 1 0-4 9 1 0-10 10 1 0-10 11 1 0-9 11 0-9 11 0-9 11 0-10 11 0-9 11 0-9 11 0-10 11 1 0-9 11 0-9 11 0-9 11 0-10 11 1 0-9 11 1 1 0-9 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	36	5		1	0-12	10YR 3/3 dark brown sandy silt and root mat		
6 1 0-6 7 2 6-37 7 1 0-6 8 1 0-6 8 1 0-6 9 1 0-4 10 10 1 0-10 11 1 0-10 11 1 0-2 11 1 0-2 11 1 0-2 11 1 1 1 1-2 11 1 1 1 1-2 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				2	12-37	10YR 6/6 brownish yellow sandy silt with 30% gravel, till		
6 1 0-6 7 2 6-37 8 2 6-37 8 1 0-6 9 1 0-9 10 10 0-1 11 0-10 11 0-10 11 0-9 11 0-10 11 0-9 11 0-10 11 0-9 11 0-9 11 0-10 11 1 0-9 11 1 0-9 11 1 1 0-9 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				3	37-39	10YR 6/4 light yellowish brown silty sand with 30% gravel, till		
7 1 0-6 8 2 6-37 8 1 0-9 9 1 0-9 10 1 0-4 10 2 4-17 11 0-10 1 11 1 0-9 11 0-9 1 1 1 0-9 1 1 0-2 2 2-17 3 17-25	36	9		1	9-0	10YR 3/3 dark brown sandy silt and root mat		
7 1 0-6 8 2 6-37 8 1 0-9 9 1 0-9 10 2 9-19 10 2 4-17 11 1 0-10 11 0-9 11 1 0-2 11 1 0-2 11 3 17-25				2	6-37	10YR 6/6 brownish yellow sandy silt with 30% gravel, till		
8 1 0-9 8 2 6-37 9 1 0-9 10 0-4 11 0-10 11 0-10 11 0-9 11 0-2 11 0-2 11 1 0-2 11 1 1 0-2 11 1 1 0-2 11 1 1 1 0-2 11 1 1 1 0-2 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	36	7		1	9-0	10YR 3/3 dark brown sandy silt and root mat		
8 1 0-9 9 2 9-19 10 1 0-4 2 4-17 10 2 10-22 11 1 0-9 11 1 0-2 11 2 2-17 3 17-25				2	6-37	10YR 6/6 brownish yellow sandy silt with 30% gravel, till		
9 10 04 10 04 10 04 10 04 10 04 10 10 04 10 10 04 10 10 04 10 10 04 10 10 04 10 10 04 10 10 04 10 10 04 10 04 10 04 10 04 10 10 04 1	36	∞		-	6-0	10YR 3/3 dark brown sandy silt and root mat		
9 1 0-4 10 2 4-17 10 0-10 2 10-22 11 1 0-9 1 1 0-2 2 2-17 3 17-25				2	61-6	10YR 6/6 brownish yellow sandy silt with 30% gravel, till		
10 2 4-17 10 0-10 2 10-22 11 1 0-9 1 1 0-2 2 2-17 3 17-25	36	6		1	0-4	10YR 3/3 dark brown sandy silt and root mat		
10 0-10 2 10-22 11 0-9 1 0-2 2 2-17 3 17-25				2	4-17	10YR 6/6 brownish yellow sandy silt with 30% gravel, till		
11 10-22 11 0-9 1 1 0-2 2 2-17 3 17-25	36	10		1	0-10	10YR 3/3 dark brown sandy silt and root mat		
11 0-9 1 1 0-2 2 2-17 3 17-25				2	10-22	10YR 6/6 brownish yellow sandy silt with 30% gravel, till		
1 0-2 2 2-17 3 17-25	36	11		1	6-0	10YR 3/3 dark brown sandy silt and root mat		
2-17	37	-		-	0-5	10YR 6/6 brownish yellow sandy silt with 30% gravel, till		
17-25				2	2-17	10YR3/2 very dark grayish brown silty loam with root mat		
				3	17-25	10YR5/8 yellowish brown sandy loam		

Transect	STU	Radial	Level		Soil Description	Cultural	Comments
				(cm)		Material	
	2		_	0-2	10YR6/6 brownish yellow sandy silt with 20% gravel, till		
			2	2-16	10YR3/2 very dark grayish brown silty loam with root mat		
			3	16-28	10YR5/8 yellowish brown sandy loam		
	3		1.1	0-2	10YR6/6 brownish yellow sandy silt with 20% gravel, till		
			2	2-19	10YR3/2 very dark grayish brown silty loam with root mat		
			3	19-31	10YR5/8 yellowish brown sandy loam		
				S003.1	Surface collection	1 piece burned plastic	ME 860-001
				S003.2	Surface collection	1 32-40 Caliber rifle shell, 5 wire nails, 5 cut	ME 860-001
				2003 3	Surface collection	mails 3 plain, sont paste porcelain	
				2002.3	Surface collection	3 cast iron fragments, 1 32-40 caliber rifle shell, 1 window glass	ME 860-001
				S003.4	Surface collection	3 cast iron fragments, 1 bottle glass "-LERY; HIO", 1 molded	ME 860-001
				S003.5	Surface collection	6 cast iron fragments, 1 window glass	ME 860-001
				S003.6	Surface collection	10 window glass, 5 cast iron fragments, 1 wire nail	ME 860-001
				S003.7	Surface collection	1 32-40 Caliber rifle shell, 1 manganese bottle glass fragment, 1 clear bottle glass fragment 4 plain, soft paste porcelain	ME 860-001
				S003.8	Surface collection	5 cast iron	ME 860-001
				8003.9	Surface collection	3 cast iron, 12 whiteware, molded	ME 860-001
				S003.10	Surface collection	3 window glass, 2 plain whiteware, 1 blue transfer print whiteware	ME 860-001
				S003.11	Surface collection	1 buff bodied earthenware, red glaze, 1 plain buff bodied earthenware, 14 whiteware, 2 window place	ME 860-001
				S003.12	Surface collection	1 whiteware	ME 860-001
				S003.13	Surface collection	6 whiteware	ME 860-001
				S003.15	Surface collection	1 FCR	ME 860-001
				S003.14	Surface collection	weathered gray chert chunk	ME 860-001
				S003.15	Surface collection	2 gray stoneware (salt-glaze & Albany slip)1	ME 860-001
	7		-	0-2	10YR3/2 very dark grayish brown silty sand and root mat		
			2	2-9	10YR5/8 yellowish brown sandy loam		
			3	9-12	10YR7/1 light gray sandy loam		
			4	13-29	10YR5/8 yellowish brown sandy loam		
			5	29-35	10YR6/6 brownish yellow sandy silt with 20% gravel, till		
	3		-	0-2	10YR3/2 very dark grayish brown silty sand and root mat		
			2	2-9	10YR5/8 yellowish brown sandy loam		
			3	9-12	10YR7/1 light gray sandy loam		
			4	13-29	10YR5/8 yellowish brown sandy loam		
			5	29-35	10YR6/6 brownish yellow sandy silt with 20% gravel, till		

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Comments																																								
Cultural Material																																								
Soil Description	10YR3/2 very dark grayish brown silty sand and root mat	10YR5/8 yellowish brown sandy loam	10YR7/1 light gray sandy loam	10YR5/8 yellowish brown sandy loam	10YR6/6 brownish yellow sandy silt with 20% gravel, till	10YR3/2 very dark grayish brown silty sand and root mat	10YR5/8 yellowish brown sandy loam	10YR7/1 light gray sandy loam	10YR5/8 yellowish brown sandy loam	10YR6/6 brownish yellow sandy silt with 20% gravel, till	10YR3/2 very dark grayish brown silty sand and root mat	10YR5/8 yellowish brown sandy loam	10YR7/1 light gray sandy loam	10YR5/8 yellowish brown sandy loam	10YR6/6 brownish yellow sandy silt with 20% gravel, till	10YR3/2 very dark grayish brown silty sand and root mat	10YR5/8 yellowish brown sandy loam	10YR7/1 light gray sandy loam	10YR5/8 yellowish brown sandy loam	10YR6/6 brownish yellow sandy silt with 20% gravel, till	10YR3/3 dark brown sandy silt	10YR3/3 dark brown and 10YR5/8 yellowish brown sandy silt	10YR6/8 brownish yellow sandy silt 30% gravel, till	10YR3/3 dark brown sandy silt	10YR3/3 dark brown and 10YR5/8 yellowish brown sandy silt	10YR6/8 brownish yellow sandy silt 30% gravel, till	10YR6/4 light yellowish brown sandy clay and gravel	10YR3/2 very dark grayish brown silty loam with root mat	10YR5/8 yellowish brown sandy loam	10YR6/6 brownish yellow sandy silt with 20% gravel, till	10YR3/2 very dark grayish brown silty loam with root mat	10YR5/8 yellowish brown sandy loam	10YR6/6 brownish yellow sandy silt with 20% gravel, till	10YR3/2 very dark grayish brown silty loam with root mat	10YR5/8 yellowish brown sandy loam	10YR6/6 brownish yellow sandy silt with 20% gravel, till	10YR3/2 very dark grayish brown silty loam with root mat	10YR5/8 yellowish brown sandy loam	10YR6/6 brownish yellow sandy silt with 20% gravel. till	10YR6/6 brownish yellow sandy loam with 30% gravel, till
Depth (cm)	0-2	2-4	8-8	8-26	26-40	0-2	2-4	6-4	9-28	28-32	0-2	2-4	4-10	10-24	24-32	0-2	2-4	6-4	9-20	20-26	0-7	7-18	18-27	0-5	5-19	19-22	22-30	6-0	9-12	12-32	0-11	11-21	21-32	0-7	7-18	18-29	0-4	4-10	10-18	18-25
Level	-	2	3	4	5	-	2	3	4	5	-	2	3	4	5	-	2	3	4	5	-	2	3	-	2	3	4	-	2	3	-	2	3	1	2	3	1	2	3	4
Radial																																				The second			4	
STU	_					2				2	3					4					_			2				3			4			2			9			
I ransect	39					39				39	39					39					40			40				40			40			40			40			

10YR5/2 grayish brown loam 10YR5/2 grayish brown sandy clay 10YR5/8 yellowiish brown sandy loam 10YR5/8 yellowiish brown sandy loam 10YR5/8 yellowiish brown sandy loam 10YR3/2 very dark grayish brown loam 10YR5/8 yellowish brown sandy silt 10YR6/6 brownish yellow sandy loam 10YR5/8 yellowish brown sandy silt 10YR6/6 brownish yellow sandy loam 10YR5/8 yellowish brown sandy silt 10YR6/6 brownish yellow sandy loam 10YR5/8 yellowish brown sandy silt 10YR6/6 brownish yellow sandy loam 10YR5/8 yellowish brown sandy silt 10YR6/6 brownish yellow sandy loam 10YR5/8 yellowish brown sandy silt 10YR6/6 brownish yellow sandy loam 10YR5/8 yellowish brown sandy silt 10YR6/6 brownish yellow sandy loam 10YR5/8 yellowish brown sandy silt 10YR6/6 brownish yellow sandy loam 10YR5/8 yellowish brown sandy silt 10YR6/6 brownish yellow sandy loam 10YR5/8 yellowish brown sandy silt 10YR6/6 brownish yellow sandy loam 10YR5/8 yellowish brown sandy loam 10YR6/6 brownish yellow sandy loam	Transect STU	U Radial	Level	Depth (cm)	Soil Description C	Cultural	Comments
2 2-10 3 10-24 4 24-27 2 2-9 3 9-26 3 9-26 3 9-26 3 8-24 3 8-24 3 8-24 3 8-24 3 11-27 5 10-1 1 0-2 2 2-11 1 0-1 2 1-9 3 19-25 3 19-25 4 26-30 3 19-26 4 27-30 5 19-26 1 0-1 2 1-9 3 19-25 4 26-31 6 19 6 19 7 14 8 19-25 1 0-1 1 0-6 1 0-7 2 1-19 3 19-33 3 18-32 1 1 0-1 1 0-1 2 1-19 3 18-32 1 1 0-1 3 18-32 1 1 0-1 1 0-1 2 1-18 3 18-32 1 1 0-1 3 18-32 3 18-32 3 18-32 3 18-32 4 19-27	41		-	0-5			
2 10-24 4 24-27 2 2-9 3 9-26 3 9-26 3 9-26 3 8-24 3 8-24 3 8-24 3 8-24 3 8-24 3 11-27 4 27-30 5 10-0 1 0-1 2 1-9 2 1-9 3 11-27 4 27-30 5 11-27 4 26-31 1 0-1 2 1-9 3 11-29 4 26-31 1 0-1 2 1-9 3 11-29 4 26-19 3 11-29 4 26-19 3 11-29 4 26-19 3 11-29 4 26-19 3 11-29 3 11-29 3 11-29 4 10-11 1 0-1 2 1-18 3 11-29 3 11-29 4 10-17 5 11-18 3 18-32 1 10-1 1 0-1 1 0-1 2 1-1 3 18-32 4 19-27			2	2-10	10VRS/2 gravish brown sandy clay		
2 1 0-2 3 9-26 3 9-26 3 9-26 4 26-30 3 8-24 3 8-24 3 8-24 3 8-24 3 8-24 3 8-24 3 8-24 3 8-24 3 11-27 4 27-30 5 11-27 4 27-30 5 11-27 4 27-30 5 11-27 7 14 8 19-25 1 0-1 1 0-1 2 1-9 2 1-9 3 19-25 3 17-29 4 26-17 3 17-29 4 10-13 1 0-13 1 0-13 2 11-18 3 18-32 1 0-11 1 0-13 3 18-32 1 1-18 3 18-32 1 1 0-11 1 0-13 3 18-32 4 19-27			3	10-24	10YRS/8 vellowish brown sandy loam		
2 1 0-2 3 9-26 3 9-26 3 9-26 4 26-30 3 8-24 3 8-24 3 8-24 3 8-24 3 8-24 3 11-27 4 27-30 5 19-25 1 0-6 1 0-6 2 1-9 3 11-27 4 27-30 3 11-27 4 27-30 3 11-27 4 27-30 3 11-27 4 26-31 1 0-6 6-19 3 17-29 4 10-13 1 0-1 1 0-1 2 11-18 3 18-32 1 0-1 1 0-1 2 11-18 3 18-32 1 1 0-1 1 0-1 2 11-18 3 18-32 1 1 0-1 1 0-1 2 11-18 3 18-32 4 19-27			4	24-27	10YR6/6 brownish yellow sandy loam		
2 2-9 3 9-26 4 26-30 3 9-26 4 26-30 3 10-2 4 24-28 3 8-24 3 11-27 4 27-30 5 11-27 2 1-9 3 19-25 2 1-9 3 14-28 3 14-28 3 17-29 4 1 0-1 5 1 0-6 6-17 1 0-6 7 1 0-7 7 14 7 10-13 7 11-18 7 11-18 7 11-18 7 11-18 7 11-18 7 11-18 7 11-18 7 11-18 7 11-18 7 11-18 7 11-18 7 11-18 7 11-18 7 11-18 7 11-18 7 11-18 7 11-18		-	-	0-2	10YR3/2 very dark grayish brown loam		
3 9-26 3 6-30 3 7-28 3 8-24 3			2	2-9	10YR5/2 grayish brown sandy clay		
3 1 0-2 3 2-8 3 8-24 3 8-24 3 8-24 3 8-24 4 24-28 4 24-28 4 27-30 5 11-27 1 0-1 2 1-9 2 1-9 2 1-9 3 14-28 3 14-28 3 17-29 4 1 0-11 5 1 0-1 5 1 0-1 7 1 0-1 7 1 0-1 7 1 1-2 7 1-3			3	9-56	10YR5/8 yellowish brown sandy loam		
3 1 0-2 2 2-8 3 8-24 3 8-24 4 24-28 4 24-28 4 27-30 5 11-27 1 0-1 2 1-9 2 1-9 2 1-9 3 9-26 1 0-1 2 1-9 3 19-25 3 14-28 3 14-28 3 14-28 3 14-38 4 17-29 4 19-33 5 19-33 5 19-33 1 19-33 1 19-33 1 19-33 1 19-33 1 19-33 2 11-18 2 11-18 3 18-32 1 1 0-1 2 11-18 3 18-32 4 19-27			4	26-30	10YR6/6 brownish yellow sandy loam		
2 2-8 3 8-24 4 24-28 4 24-28 4 24-28 1 0-2 2 2-11 2 2-11 3 11-27 4 27-30 3 9-26 3 9-26 3 19-25 2 6-19 3 14-28 3 14-28 3 14-28 3 14-28 3 14-28 3 14-29 4 0-13 5 6-17 6 6-17 7 1-19 8 19-33 9 19-33 1 0-11 1 0-13 1 0-13 1 0-13 2 11-18 3 18-32 1 1 0-13 3 19-33 3 19-33 3 19-33 3 19-33 4 19-37 5 11-18 7 11-18 8 19-37 8 19-27			1	0-2	10YR3/2 very dark grayish brown loam		
3 8.24 4 24.28 4 24.28 5 1 0.2 1 0.2 2.11 3 11.27 3 4 27.30 3 5 1 0.1 1 0.1 0.1 2 1.9 0.6 3 10.25 0.6 3 14.28 0.6 3 14.28 0.6 3 17.29 0.1 4 1 0.13 4 1 0.13 4 1 0.13 5 1 0.13 1 0.13 0.1 2 11.18 0.1 3 18.32 0.1 4 19.27 0.1 5 1.1.18 0.1 6 1 0.1 7 1.5 0.1 8 1.5.27 0.1 9 1.1.28 0.1 1 0.1 0.1			2	2-8	10YR5/2 grayish brown sandy clay		
3 4 24-28 4 1 0-2 7 2-11			3	8-24	10YR5/8 yellowish brown sandy loam		
4 1 0-2 5 2 2-11 6 1 0-1 7 1 0-1 1 0-1 1 2 1-9 2 3 9-26 1 4 26-31 1 2 6-19 2 3 14-28 3 3 14-28 3 3 17-29 4 4 1 0-1 4 1 0-1 5 1 0-1 6 1 0-1 7 1 0-1 8 1 0-1 9 1 0-1 1 0 1 2 1 0-1 3 18-32 1 0 1 2 1-5 3 1-5 3 5-19 4 19-27 5 27-32 6 1 7 1 8 1 9 1 10 1 10 1 10 1 10 1 10 <td></td> <td></td> <td>4</td> <td>24-28</td> <td>10YR6/6 brownish yellow sandy loam</td> <td></td> <td></td>			4	24-28	10YR6/6 brownish yellow sandy loam		
2 2-11 3 11-27 4 27-30 5 1 0-1 2 1-9 2 1-9 3 9-26 3 9-26 3 9-26 3 19-25 3 19-25 3 11-29 4 10-13 5 11-18 5 11-18 5 11-18 5 11-18 7 11-18 7 11-18 7 11-18 7 11-18 7 11-18 7 11-18 7 11-18 7 11-19 7 11-18 7 11-18 7 11-18 7 11-18 7 11-18 7 11-18 7 11-18 7 11-19 7 11-19 7 11-19 7 11-19 7 11-19 7 11-19 7 11-19			1	0-2	10YR3/2 very dark grayish brown loam		
3 11-27 4 27-30 1 1 0-1 1 0-1 1 0 1 1 0 1 0 1 0 0			2	2-11	10YR5/2 grayish brown sandy clay		
5 1 27-30 1 0-1 2 1-9 3 9-26 3 9-26 4 26-31 1 0-6 2 14-28 3 19-25 3 19-25 4 17-29 4 10-13 5 11-18 1 0-1 1 0-1 2 13-19 3 19-33 5 11-18 1 0-1 1 0-1 2 13-19 3 18-32 1 0-1 4 19-27 5 27-32			3	11-27	10YR5/8 yellowish brown sandy loam		
5 1 0-1 2 1-9 3 9-26 4 26-31 1 0-6 2 6-19 3 19-25 3 14-28 3 17-29 4 1 0-11 5 11-18 1 0-11 5 11-18 1 1 0-1 1 0-1 2 11-18 3 18-32 1 1 0-1 4 1 1 0-1 5 11-18 3 18-32 1 1 0-1 1 1 0-1 2 11-18 3 18-32 4 19-27 5 27-32			4	27-30	10YR6/6 brownish yellow sandy loam		
2 1-9 3 9-26 4 26-31 1 0-6 2 6-19 3 19-25 3 14-28 3 17-29 4 0-13 5 17-29 1 0-11 5 11-18 1 0-11 1 0-11 2 11-18 3 18-32 1 0-1 1 0-1 2 11-18 3 18-32 1 1 0-1 2 11-18 3 18-27 4 19-27			1	0-1	10YR3/2 very dark grayish brown loam		
3 9-26 1 1 0-6 2 6-19 2 6-19 3 19-25 3 19-25 3 14-28 3 17-29 4 1 0-13 5 11-18 3 18-32 1 0-1 1 0-1 1 0-1 2 11-18 3 18-32 1 1-5 5 27-32			2	1-9	10YR5/2 grayish brown sandy clay		
1 1 0-6 2 6-19 2 19-25 3 19-25 3 14-28 3 14-28 4 1 0-13 4 1 0-13 5 14-8 3 11-18 5 11-18 1 0-11 5 1 0-1 1 0-1 1 0-1 2 11-18 1 0-1 2 11-18 3 18-32 1 1-5 5 1-5 5 27-32			3	9-26	10YR5/8 yellowish brown sandy loam		
1 0-6 2 6-19 2 19-25 3 19-25 3 14-28 3 14-28 4 1 0-13 4 1 0-13 5 19-33 5 19-33 1 18-32 1 1 0-1 1 0-1 1 0-1 2 11-18 3 18-32 1 1 0-1 2 11-5 3 18-27 5 27-32			4	26-31	10YR6/6 brownish yellow sandy loam		
2 6-19 3 19-25 3 19-25 3 14-28 3 14-28 3 14-28 4 1 0-13 5 11-18 5 11-18 1 0-11 1 0-1 1 0-1 1 1 0-1 1 1 0-1 2 11-5 2 11-5 3 18-32 4 19-27 5 27-32	42 1		1	9-0	10YR3/2 very dark grayish brown silty loam		
2 19-25 3 19-25 3 14-28 3 14-28 3 14-28 4 1 0-6 5 13-19 5 19-33 5 19-33 1 18-32 1 1 0-1 1 0-1 1 0-1 1 1 0-1 2 11-18 3 18-32 1 1-5 5 1-5 5 27-32			2	61-9	10YR5/8 yellowish brown sandy silt		
2 1 0-7 3 14-28 3 14-28 4 0-6 5 6-17 2 6-17 2 6-17 2 17-29 3 17-29 3 19-33 5 19-33 1 18-32 1 1 0-1 1 0-1 1 0-1 2 11-18 3 18-32 1 1 0-1 2 1-5 5 1-5 5 27-32			3	19-25	10YR6/6 brownish yellow sandy loam		
3 14-28 3 14-28 4 1 0-6 4 1 0-13 5 1 0-11 1 0-11 2 13-19 3 19-33 5 1 0-11 1 0-1 2 11-18 3 18-32 1 0-1 2 1-5 3 5-19 4 19-27 5 27-32			1	0-7	10YR3/2 very dark grayish brown silty loam		
3 14-28 3 10-6 2 6-17 3 17-29 4 10-13 5 19-33 5 19-33 1 0-11 1 1 0-1 1 1 0-1 2 11-18 3 18-32 1 1 0-1 1 1 0-1 2 11-18 3 18-32 1 1 0-1 2 11-18 3 18-32 1 1 0-1 5 15-19 5 17-32			2	7-14	10YR5/8 yellowish brown sandy silt		
3 1 0-6 2 6-17 3 17-29 4 1 0-13 5 19-33 5 19-33 1 0-11 1 1 0-1 1 1 0-1 1 1 0-1 2 11-18 3 18-32 1 1 0-1 1 1 0-1 2 11-18 3 18-32 1 1 0-1 2 1-5 5 5-19			3	14-28	10YR6/6 brownish yellow sandy loam		
4 1 0-17 4 1 0-13 5 13-19 1 0-11 2 13-19 3 19-33 4 10-11 1 0-1 2 11-18 3 18-32 1 0-1 2 1-5 3 5-19 4 19-27 5 27-32			1	9-0	10YR3/2 very dark grayish brown silty loam		
4 1 0-13 5 13-19 1 0-11 2 13-19 3 19-33 2 11-18 3 18-32 1 0-1 2 1-5 3 5-19 4 19-27 5 27-32			2	6-17	10YR5/8 yellowish brown sandy silt		
4 1 0-13 5 13-19 2 13-19 3 19-33 2 11-18 3 18-32 1 0-1 2 1-5 3 5-19 4 19-27 5 27-32			3	17-29	10YR6/6 brownish yellow sandy loam		
5 13-19 3 19-33 19-33 10-11 1 0-11 1 0-1 2 1-5 2 1-5 3 5-19 4 19-27 5 27-32			1	0-13	10YR3/2 very dark grayish brown silty loam		
5 19-33 10-11 2 11-18 3 18-32 1 16-32 1 16-32 1 16-32 1 1-5 2 1-5 3 5-19 5 27-32			2	13-19	10YR5/8 yellowish brown sandy silt		
5 1 0-11 2 11-18 3 18-32 1 0-1 2 1-5 3 5-19 5 27-32			3	19-33	10YR6/6 brownish yellow sandy loam		
1 1-18 3 18-32 1 18-32 2 1-5 3 5-19 4 19-27 5 27-32			-	0-11	10YR3/2 very dark grayish brown silty loam		
1 18-32 1 18-32 2 1-5 3 5-19 4 19-27 5 27-32			2	11-18	10YR5/8 yellowish brown sandy silt		
1 0-1 2 1-5 3 5-19 4 19-27 5 27-32			3	18-32	10YR6/6 brownish yellow sandy loam		
1-5 5-19 19-27 27-32	43 1		-	0-1	10YR3/2 very dark grayish brown loam		
5-19 19-27 27-32			2	1-5	10YR5/2 grayish brown sandy clay		
19-27			3	5-19	10YR4/4 dark yellowish brown sandy loam		
27-32			4	19-27	10YR5/8 yellowish brown sandy loam		
			5	27-32	10YR6/6 brownish yellow sandy loam		
				B. C.			

Transect	STU	Radial	Level	Depth (cm)	Soil Description Cultural Material	Comments
43	2		1	0-5	10YR3/2 very dark grayish brown loam	
			2	2-6	10YR5/2 grayish brown sandy clay	
			3	6-12	10YR4/4 dark yellowish brown sandy loam	
			4	12-26	10YR5/8 yellowish brown sandy loam	
			5	26-30	10YR6/6 brownish yellow sandy loam	
43	3		-	0-2	10YR3/2 very dark grayish brown loam	
			2	2-7	10YR5/2 grayish brown sandy clay	
			3	7-12	10YR4/4 dark yellowish brown sandy loam	
			4	12-28	10YR5/8 yellowish brown sandy loam	
			5	29-32	10YR6/6 brownish yellow sandy loam	
43	4		-	0-2	10YR3/2 very dark grayish brown loam	
			2	2-5	10YR5/2 grayish brown sandy clay	
			3	5-12	10YR4/4 dark yellowish brown sandy loam	
43	4		4	12-28	10YR5/8 yellowish brown sandy loam	
			5	29-32	10YR6/6 brownish yellow sandy loam	
44	-		-	8-0	10YR3/ dark brown silt loam with root mat	
			2	8-16	10YR6/6 brownish yellow sandy loam with 30% gravel, till	
44	2		-1	0-5	10YR3/2 very dark grayish brown silt loam with root mat	
			2	5-11	10YR5/2 grayish brown sandy clay	
			3	11-21	10YR6/6 brownish yellow sandy loam with 30% gravel, till	
44	3		1	0-7	10YR3/2 very dark grayish brown silt loam with root mat	
			2	7-17	10YR5/2 grayish brown sandy clay	
			3	17-30	10YR6/6 brownish yellow sandy loam with 30% gravel, till	
44	4		-	0-5	10YR 3/2 very dark grayish brown silty sand and root mat	
			2	5-16	10YR5/6 yellowish brown sandy loam with 30% gravel, till	
44	5		-	0-7	10YR3/2 very dark grayish brown silty sand and root mat	
			2	7-18	10YR5/6 yellowish brown sandy loam with 30% gravel, till	
44	4		-	0-5	10YR3/2 very dark grayish brown silty sand and root mat	
			2	5-16	10YR5/6 yellowish brown sandy loam with 30% gravel, till	
45	_		-	0-5	10YR3/2 very dark grayish brown silty sand and root mat	
			2	2-4	10YR5/2 grayish brown sandy clay	
			3	4-10	10YR4/4 dark yellowish brown sandy loam	
			4	10-28	10YR5/8 yellowish brown sandy loam	
			5	28-32	10YR6/6 brownish yellow sandy loam with 30% gravel, till	
45	2		1	0-2	10YR3/2 very dark grayish brown silty sand and root mat	
			2	2-4	10YR5/2 grayish brown sandy clay	
			3	4-11	10YR4/4 dark yellowish brown sandy loam	
			4	11-29	10YR5/8 yellowish brown sandy loam	
			2	30-32	10YR6/6 brownish yellow sandy loam with 30% gravel, till	

Comments																																		77.7 ME			
Cultural	Matchiai																																	1 ground stone, 1 pecked stone 4 fcr			
Soil Description	10YR3/2 very dark grayish brown silty sand and root mat	10YR5/2 grayish brown sandy clay	10YR4/4 dark yellowish brown sandy loam	10YR5/8 yellowish brown sandy loam	10YR6/6 brownish yellow sandy loam with 30% gravel, till	10YR3/2 very dark grayish brown silty sand and root mat	10YR5/2 grayish brown sandy clay	10YR4/4 dark yellowish brown sandy loam	10YR5/8 yellowish brown sandy loam	10YR6/6 brownish yellow sandy loam with 30% gravel, till	10YR3/2 very dark grayish brown silty sand and root mat	10YR5/2 grayish brown sandy clay	10YR4/4 dark yellowish brown sandy loam	10YR5/8 yellowish brown sandy loam	10YR6/6 brownish yellow sandy loam with 30% gravel, till	10YR3/2 very dark grayish silty sand and root mat	10YR5/8 yellowish brown sandy loam	10YR6/6 brownish yellow sandy loam with 30% gravel, till	10YR3/2 very dark grayish silty sand and root mat	10YR5/8 yellowish brown sandy loam	10YR6/6 brownish yellow sandy loam with 30% gravel, till	10YR3/2 very dark grayish silty sand and root mat	10YR5/8 yellowish brown sandy loam	10YR6/6 brownish yellow sandy loam with 30% gravel, till	10YR3/2 very dark grayish silty sand and root mat	10YR5/8 yellowish brown sandy loam	10YR6/6 brownish yellow sandy loam with 30% gravel, till	10YR3/2 very dark grayish silty sand and root mat	10YR5/8 yellowish brown sandy loam	10YR6/6 brownish yellow sandy loam with 30% gravel, till	10YR3/3 dark brown fine silty sand with 4 cm of root mat	10YR5/1gray fine silt	10YR3/8 dark yellowish brown fine silt	10YR5/8 yellowish brown fine silt-loess	10YR5/8 yellowish brown fine silt	10YR3/3 dark brown fine silty sand with 4 cm of root mat	10VD2/0 dowle well amight have silvered
Depth (cm)	0-2	2-4	4-11	11-29	29-31	0-3	3-7	7-14	14-27	27-33	0-3	3-7	7-14	14-27	27-33	0-14	14-19	19-27	9-0	6-10	10-24	0-13	13-18	18-28	0-11	11-17	17-31	0-4	6-4	9-21	6-0	9-14	14-19	19-30	30-46	2-0	7 16
Level	-	2	3	4	5	1	2	3	4	5	-	2	3	4	5	-	2	3	-	2	3	-	2	3	-	2	3	_	2	3	-	2	3	4	5	-	0
Radial																																				North	
STU	3					4					5					_			2			3			4			2			9					9	
Transect	45					45					45					46			46			46			46			46			46					46	

Comments											77.7 ME				77.7 ME	77.7 ME					77.7 ME	77.7 ME	77.7 ME	77.7 ME	77.7 ME	77.7 ME	77.7 ME	77.7 ME	77.7 ME	77.7 ME	77.7 ME	77.7 ME	77.7 ME				southern slop
Cultural Material											l quartz flake				1 ground cobble	1 basalt, 1 rhvolite and 2 quartz flakes					4 quartz flakes; 1 basalt flake	4 quartz, 1 greenstone, 1 chert flake		1 fcr			4 quartz flakes	Iquartz and I basalt flake		Chert Core	Rhyolite chunk	FCR	FCR (possible), 2 flakes				
Soil Description	10YR3/3 dark brown fine silty sand with 4 cm of root mat	10YR3/8 dark yellowish brown silty sand	10YR3/8 dark yellowish brown fine silt	10YR6/4 light yellowish brown fine silt-loess	10YR3/3 dark brown fine silty sand with 4 cm of root mat	10YR3/8 dark yellowish brown silty sand	10YR6/4 light yellowish brown sandy loam with 30% gravel, till	10YR3/3 dark brown fine silty sand with 4 cm of root mat	10YR3/8 dark yellowish brown silty sand	10YR6/4 light yellowish brown sandy loam with 30% gravel, till	10YR3/3 dark brown fine silty sand and root mat	10YR5/6 yellowish brown sand	10YR4/6 dark yellowish brown sands and gravels	10YR5/8 yellowish brown gravels and sand	10YR3/3 dark brown fine silty sand and root mat	10YR3/3 dark brown fine silty sand and root mat	10YR5/6 yellowish brown sand	10YR7/1 light gray sands and gravels	10YR4/6 dark yellowish brown sands and gravels	10YR5/8 yellowish brown gravels and sand	10YR2/1 black fine silty sand with root mat	10YR4/6 dark yellowish brown silty sand	2.5Y5/6 light olive brown sand with 15% gravel, till	10YR2/1 black fine silty sand with root mat	10YR4/6 dark yellowish brown silty sand	2.5Y5/6 light olive brown sand with 15% gravel, till	10YR2/1 black fine silty sand with root mat	10YR4/6 dark yellowish brown silty sand	2.5Y5/6 light olive brown sand with 15% gravel, till	Surface	Surface	Surface	Surface	10YR3/3 dark brown silty sand with root mat	10YR5/8 yellowish brown silt	10YR6/6 brownish yellow fine silt-loess	10YR6/4light yellowish brown sand and gravel
Depth (cm)	9-0	6-14	14-47	47-52	0-13	13-29	29-40	0-14	14-28	28-40	8-0	8-21	21-45	45-57	8-0	0-12	12-24	24-30	30-46	46-60	9-0	6-26	26-30	9-0	6-26	26-30	0-7	7-18	18-30	S002.001	S002.002	S002.003	S002.004	9-0	8-9	8-15	15-19
Level	1	2	3	4	1	2	3	-	2	3	-	2	3	4	_	-	2	3	4	5	-	2	3	-	2	3	_	2	3					-	2	3	4
Radial	East				South			West			2.5m East	1/8 mesh			2.5m East 1/4 mesh	2.5m North	1/8 mesh				2.5m South	1/8 mesh		2.5m South	1/4 mesh		2.5m West	1/8 mesh									
STU	9				9			9			9				9	9					9			9			9							7			
Transect	46				46			46			46				46	46					46			46			46							46			

Transect	STU	Radial	Level	Depth (cm)	Soil Description Cult	Cultural	Comments
46	8		-	0-7	10YR3/3 dark brown silty sand with root mat		
			2	7-12	10YR5/8 yellowish brown silt		
			3	12-18	10YR6/6 brownish yellow fine silt-loess		till
			4	18-25	10YR6/4light yellowish brown sand and gravel		southern slope
46	6		-	9-0	10YR3/3 dark brown silty sand with root mat		
			2	6-13	10YR5/8 yellowish brown silt		
			3	13-19	10YR6/6 brownish yellow fine silt-loess		till
			4	19-24	10YR6/4light yellowish brown sand and gravel		southern slope
46	10		-	0-4	10YR3/3 dark brown silty sand with root mat		
			2	4-11	10YR5/8 yellowish brown silt		
			3	11-21	10YR6/6 brownish yellow fine silt-loess		till
			4	21-30	10YR6/4light yellowish brown sand and gravel		southern slope
46	=		-	0-7	10YR3/3 dark brown silty sand with root mat		
			2	7-14	10YR5/8 yellowish brown silt		
			3	14-23	10YR6/6 brownish yellow fine silt-loess		till
			4	23-40	10YR6/4light yellowish brown sand and gravel		southern slope
46	12		-	9-0	10YR3/3 dark brown silty sand with root mat		
			2	6-13	10YR5/8 yellowish brown silt		
			3	13-19	10YR6/6 brownish yellow fine silt-loess		till
			4	19-28	10YR6/4light yellowish brown sand and gravel		southern slope
46	13		-	0-4	10YR3/3 dark brown silty sand with root mat		
			2	4-21	10YR5/8 yellowish brown silt		
			3	21-30	10YR6/6 brownish yellow fine silt-loess		till
			4	30-35	10YR6/4light yellowish brown sand and gravel		southern slope
46	14		-	9-0	10YR3/3 dark brown silty sand with root mat		
			2	6-11	10YR5/8 yellowish brown silty sand		stopped at top of till
			3	11-29	10YR6/6 brownish yellow fine silty sand 25% gravel, till		north of dirt road
46	15		-	0-5	10YR3/3 dark brown silty sand with root mat		
			2	5-11	10YR5/8 yellowish brown silty sand		stopped at top of till
			3	11-25	10YR6/6 brownish yellow fine silty sand 25% gravel, till		south of dirt road
46	16		-	6-0	10YR3/3 dark brown silty sand with root mat		
			2	9-12	10YR5/8 yellowish brown silty sand		stopped at top of till
			3	12-31	10YR6/6 brownish yellow fine silty sand 25% gravel, till		near dirt road
46	17		1	2-0	10YR3/3 dark brown silty sand with root mat		
			2	7-12	10YR5/8 yellowish brown silty sand		stopped at till
	75		3	12-24	10YR6/6 brownish yellow fine silty sand 25% gravel, till		ridge at edge of
							disturbance
40	8		_	8-0	10YR3/3 dark brown silty sand with root mat	The second secon	
			2	8-14	10YR5/8 yellowish brown silty sand		top of till
			3	14-21	10YR6/6 brownish yellow fine silty sand 25% gravel, till	- 1	mid kettle divide, north
							slope

10YR3/3 dark brown silty sand with root mat 10YR5/2 grayish brown silty loam 10YR6/6 brownish yellow fine silty sand 20% gravel, till 10YR3/3 dark brown silty sand with root mat 10YR6/6 brownish yellow fine silty sand 20% gravel, till 10YR3/3 dark brown silty sand with root mat 10YR6/6 brownish yellow fine silty sand 20% gravel, till 10YR8/3 dark brown silty sand with root mat 10YR6/6 brownish yellow fine silty sand 20% gravel, till 10YR8/3 dark brown silty sand with root mat 10YR6/6 brownish yellow fine silty sand 20% gravel, till 10YR8/3 dark brown silty sand with root mat 10YR6/6 brownish yellow fine silty sand 20% gravel, till 10YR8/3 dark brown silty sand with root mat 10YR6/6 brownish yellow fine silty sand 20% gravel, till 10YR8/3 dark brown silty sand with root mat 10YR6/6 brownish yellow fine silty sand 20% gravel, till 10YR8/3 dark brown silty sand with root mat 10YR6/6 brownish yellow fine silty sand 20% gravel, till 10YR8/3 dark brown silty sand with root mat 10YR6/6 brownish yellow fine silty sand 20% gravel, till 10YR8/3 dark brown silty sand with root mat 10YR6/6 brownish yellow fine silty sand 20% gravel, till 10YR8/3 dark brown silty sand with root mat 10YR6/6 brownish yellow fine silty sand 20% gravel, till 10YR8/3 dark brown silty sand with root mat 10YR6/6 brownish yellow fine silty sand 20% gravel, till 10YR8/3 dark brown silty sand with root mat 10YR6/6 brownish yellow fine silty sand 20% gravel, till 10YR8/3 dark brown silty sand with root mat 10YR6/6 brownish yellow fine silty sand 20% gravel, till 10YR8/3 dark brown silty sand with root mat 10YR6/6 brownish yellow fine silty sand 20% gravel, till 1	I ransect	016	Kadial	Level	Depth (cm)	Soil Description	Cultural Comm	Comments
2 17-30 107Re56 brown silty same dwith root mail 3 17-30 107Re56 brown silty same dwith root mail 4 1 6-4 107Re56 brown silty same dwith root mail 5 1-17 107Re56 brown silty same dwith root mail 6 1 6-3 107Re56 brown silty same dwith root mail 7 1 6-3 107Re56 brown silty same dwith root mail 8 1 6-3 107Re56 brown silty same dwith root mail 9 1 6-3 107Re56 brown silty same dwith root mail 1 0-5 107Re56 brown silty same dwith root mail 1 0-5 107Re56 brown silty same dwith root mail 1 0-5 107Re56 brown silty same dwith root mail 1 0-5 107Re56 brown silty same dwith root mail 1 0-5 107Re56 brown silty same dwith root mail 1 0-5 107Re57 dark brown silty same dwith root mail 1 0-5 107Re57 dark brown silty same dwith root mail 1 0-5 107Re57 dark brown silty same dwith root mail 1 0-5 107Re57 dark brown silty same dwith root mail 1 0-5 107Re57 dark brown silty same dwith root mail 1 0-5 107Re57 dark brown silty same dwith root mail 1 0-5 107Re57 dark brown silty same dwith root mail 1 0-5 107Re57 dark brown silty same define silty	47	-		-	0-7	10YR3/3 dark brown silty sand with root mat		
17-30 107R37 dark brown silty sand of 20% gravel, till 1				2	7-17	10YR5/2 grayish brown silty loam	III III	
2 1 0-4 10/RSJ dark brown ally and with root mat 3 1 0-5 10/RSJ dark brown ally sand with root mat 4 1 0-5 10/RSJ gardsh brown ally sand with root mat 5 2 3-7 1 10/RSJ dark brown ally sand with root mat 6 1 0-5 10/RSJ dark brown ally sand with root mat 7 1 0-5 10/RSJ dark brown ally sand with root mat 8 1 0-5 10/RSJ dark brown ally sand with root mat 9 1 0-5 10/RSJ dark brown ally sand with root mat 1 0-5 10/RSJ dark brown ally sand with root mat 1 0-5 10/RSJ dark brown ally sand with root mat 1 0-5 10/RSJ dark brown ally sand with root mat 1 0-5 10/RSJ dark brown ally sand with root mat 1 0-5 10/RSJ dark brown ally sand with root mat 1 0-5 10/RSJ dark brown ally sand with root mat 1 0-5 10/RSJ dark brown ally sand with root mat 1 0-5 10/RSJ dark brown ally sand with root mat 1 0-5 10/RSJ dark brown ally sand with root mat 1 0-5 10/RSJ dark brown ally sand with root mat 1 0-5 10/RSJ dark brown ally sand with root mat 1 0-5 10/RSJ dark brown ally sand with root mat 1 0-7 10/RS			*	3	17-30	10YR6/6 brownish yellow fine silty sand 20% gravel, till	mid ke	kettle divide
2 4-16 10/18/05/2 grayish brown sity sand with root mat 4 1 0-3 10/18/2 grayish brown sity loam 5 3-17 10/18/2 grayish brown sity loam 6 1 0-3 10/18/2 grayish brown sity loam 7 1 10/18/2 grayish brown sity sand with root mat 8 1 0-5 10/18/2 grayish brown sity sand with root mat 9 1 0-6 10/18/2 grayish brown sity sand with root mat 1 0-6 10/18/2 grayish brown sity sand with root mat 1 0-6 10/18/2 grayish brown sity sand with root mat 2 3-15 10/18/2 gray fant brown sity sand with root mat 1 0-5 10/18/2 gray fant brown sity sand with root mat 1 0-5 10/18/2 gray fant brown sity sand with root mat 2 5-15 10/18/2 gray fant brown sity sand with root mat 3 10/18/2 gray fant brown sity sand with root mat 4 1 0-7 10/18/2 gray fant brown sity sand with root mat 5 10/18/2 gray fant brown sity sand with root mat 6 2 10/18/2 gray fant brown sity sand with root mat 8 1 0-7 10/18/2 gray fant brown sity sand with root mat 9 1 0-7 10/18/2 gray fant brown sity sand with root mat 1 0-7 10/18/2 gray fant brown sity sand with root mat 1 0-7 10/18/2 gray fant brown sity sand with root mat 1 0-7 10/18/2 gray fant brown sity sand with root mat 1 0-7 10/18/2 gray fant brown sity sand with root mat 1 0-7 10/18/2 gray fant brown sity sand with root mat 1 0-7 10/18/2 gray fant brown sity sand with root mat 1 0-7 10/18/2 gray fant brown sity sand with root mat 1 0-7 10/18/2 gray fant brown sity sand with root mat 1 0-7 10/18/2 gray fant brown sity sand with root mat 1 0-7 10/18/2 gray fant brown sity sand with root mat 1 0-7 10/18/2 gray fant brown sity sand with root mat 1 0-7 10/18/2 gray fant brown sity sand with root mat 1 0-7 10/18/2 gray fant brown sity sand with root mat 1 0-7 10/18/2 gray fant brown sity sand with root mat 1 0-7 10/18/2 gray fant brown sity	47	2		1	0-4	10YR3/3 dark brown silty sand with root mat		
1 0.37 10/18/20 Jank brown silty samd with root mat 2 3.71 10/18/20 Jank brown silty samd with root mat 3 7.17 10/18/20 Jank brown silty samd 20% gravel, till 4 1 2.1 10/18/20 Jank brown silty samd with root mat 5 10/18/20 Jank brown silty samd with root mat 6 2 1.4 10/18/20 Jank brown silty samd 20% gravel, till 7 1 0.5 10/18/20 Jank brown silty samd with root mat 8 2 5.15 10/18/20 Jank brown silty samd with root mat 9 1 0.5 10/18/20 Jank brown silty samd with root mat 1 0.5 10/18/20 Jank brown silty samd with root mat 2 5.15 10/18/20 Jank brown silty samd with root mat 9 1 0.4 10/18/20 Jank brown silty samd with root mat 1 0.5 10/18/20 Jank brown silty samd with root mat 1 0.4 10/18/20 Jank brown silty samd with root mat 1 0.4 10/18/20 Jank brown silty samd with root mat 1 0.4 10/18/20 Jank brown silty samd with root mat 1 0.4 10/18/20 Jank brown silty samd with root mat 1 0.4 10/18/20 Jank brown silty samd with root mat 1 0.4 10/18/20 Jank brown silty samd with root mat 2 7.16 10/18/20 Jank brown silty samd with root mat 3 16.24 10/18/20 Jank brown silty samd with root mat 1 0.4 10/18/20 Jank brown silty samd with root mat 2 7.2 10/18/20 Jank brown silty samd with root mat 3 10.19 10/18/20 Jank brown silty samd with root mat 4 0.1 10/18/20 Jank brown silty samd with root mat 5 1.1 10.7 10/18/20 Jank brown silty samd with root mat 6 1 0.7 10/18/20 Jank brown silty samd with root mat 1 0.7 10/18/20 Jank brown silty samd with root mat 1 0.7 10/18/20 Jank brown silty samd with root mat 1 0.7 10/18/20 Jank brown silty samd with root mat 1 0.7 10/18/20 Jank brown silty samd with root mat 1 0.7 10/18/20 Jank brown silty samd with root mat 1 0.7 10/18/20 Jank brown silty samd with root mat 1 0.7 10/18/20 Jank brown silty samd with root m				2	4-16	10YR6/6 brownish yellow fine silty sand 10% gravel	111111111111111111111111111111111111111	
4 1 107R52 gaysib brown silv, loam 4 1 0-31 107R52 gaysib brown silv, sand 20% gavel, till 5 1 0-3 107R543 dark brown silv, sand with root mat 5 1 0-6 107R546 brownish yellow fine silty sand 20% gavel, till 6 1 0-6 107R546 brownish yellow fine silty sand 20% gavel, till 7 2 5-1 107R546 brownish yellow fine silty sand 20% gavel, till 8 1 0-5 107R543 dark brown silty sand with root mat 9 1 1 0-5 107R343 dark brown silty sand vith root mat 1 0-5 107R343 dark brown silty sand with root mat 1 0-5 107R343 dark brown silty sand with root mat 1 0-5 107R343 dark brown silty sand with root mat 2 4-17 107R343 dark brown silty sand with root mat 10 0-7 107R343 dark brown silty sand with root mat 2 7-16 107R343 dark brown silty sand with root mat 11 0-5 107R343 dark brown silty sand with root mat 2 1-10 107R343 dark brown silty sand with root mat <	47	3		1	0-3	10YR3/3 dark brown silty sand with root mat	****	
4 3 7-17 10 PR&66 brownish bellow fine silty sand 20% gravel, till 5 1 0-6 10 PR&65 dark brown silty sand with root mat 6 1 0-6 10 PR&65 drawnish by ellow fine silty sand 20% gravel, till 7 6 1 10 PR&65 drawnish by ellow fine silty sand 20% gravel, till 7 1 0-3 10 PR&65 drawnish by ellow fine silty sand 20% gravel, till 8 1 10 PR&65 drawnish by ellow fine silty sand 20% gravel, till 9 1 0-3 10 PR&63 drawnish by ellow fine silty sand 20% gravel, till 9 1 0-4 10 PR&63 drawnish by ellow fine silty sand 20% gravel, till 10 0-4 10 PR&63 draw brown silty sand with root mat 10 0-4 10 PR&63 draw brown silty sand with root mat 11 0-7 10 PR&23 gravish brown silty sand with root mat 12 2.4.17 10 PR&65 brownish yellow fine silty sand 20% gravel, till 13 16-24 10 PR\$23 gravish brown silty sand with root mat 10 0-7 10 PR\$24 gravish brown silty sand with root mat 2 5.10 10 PR\$26 brownish yell				2	3-7	10YR5/2 grayish brown silty loam		
4 1 0.93 10 VR33 dark brown silty sand with root mat 5 1 0-6 10 VR26/d brownish yellow fine silty sand 20% gravel, till 6 1 0-6 10 VR26/d brownish yellow fine silty sand 20% gravel, till 7 1 0-3 10 VR26/d brownish yellow fine silty sand 20% gravel, till 8 2 3-15 10 VR26/d brownish yellow fine silty sand 20% gravel, till 9 1 0-5 10 VR26/d brownish yellow fine silty sand 20% gravel, till 10 5-15 10 VR26/d draw thown silty sand with root mat 10 0-4 10 VR26/d dark town silty sand with root mat 10 1 0-4 10 VR26/d dark town silty sand with root mat 10 1 0-7 10 VR26/d brownish yellow fine silty sand 20% gravel, till 11 1 0-7 10 VR26/d brownish yellow fine silty sand 20% gravel, till 12 2 1-16 10 VR26/d brownish yellow fine silty sand 20% gravel, till 12 1-16 10 VR26/d brownish yellow fine silty sand 20% gravel, till 12 1-17 10 VR26/d brownish yellow fine silty sand 20% gravel, till <t< td=""><td></td><td></td><td></td><td>3</td><td>7-17</td><td>10YR6/6 brownish yellow fine silty sand 20% gravel, till</td><td>midke</td><td>kettle divide</td></t<>				3	7-17	10YR6/6 brownish yellow fine silty sand 20% gravel, till	midke	kettle divide
2 3-14 10/R6/6 brownish yellow fine silty sand 20% gravel, till 6 10/R6/6 brownish yellow fine silty sand 20% gravel, till 6 2 6-21 10/R8/6 brownish yellow fine silty sand 20% gravel, till 7 1 6-3 10/R8/6 brownish yellow fine silty sand 20% gravel, till 8 1 6-5 10/R8/3 dark brown silty sand with root mat 8 1 6-5 10/R8/3 dark brown silty sand 20% gravel, till 9 1 0-4 10/R8/6 brownish yellow fine silty sand 20% gravel, till 1 0-5 10/R8/3 dark brown silty sand with root mat 1 0-7 10/R8/3 dark brown silty sand with root mat 1 0-7 10/R8/3 dark brown silty sand 20% gravel, till 1 0-7 10/R8/3 dark brown silty sand 20% gravel, till 1 0-5 10/R8/3 dark brown silty sand with root mat 1 0-5 10/R8/3 dark brown silty sand with root mat 1 0-5 10/R8/3 dark brown silty sand with root mat 1 0-5 10/R8/3 dark brown silty sand with root mat 1 0-5 10/R8/3 dark brown silty sand with root mat 1 0-7 10/R8/3 dark brown silty sand with root mat 2 1-10 10/R8/3 dark brown silty sand 20% gravel, till 3 10-19 10/R8/6 brownish yellow fine silty sand 20% gravel, till 1 0-7 10/R8/3 dark brown silty sand with root mat 1 0-7 10/R8/6 brownish yellow fine silty sand 20% gravel, till 1 0-7 10/R8/6 brown silty sand with root mat 1 0-7 10/R8/6 brown silty sand with root mat 1 0-7 10/R8/6 brown silty sand with root mat 1 0-7 10/R8/6 brown silty sand with root mat 1 0-7 10/R8/6 brown silty sand with root mat 1 0-7 10/R8/6 brown silty sand with root mat 1 0-7 10/R8/6 brown silty sand with root mat 1 0-7 10/R8/6 brown silty sand with root mat 1 0-7 10/R8/6 brown silty sand with root mat 1 0-7 10/R8/6 brown silty sand with root mat 1 0-7 10/R8/6 brown silty sand with root mat 1 0-7 10/R8/6 brown silty sand with root mat 1 0-7 10/R8/6 brown silty sand with root mat 1 0-7 10/R8	47	4		1	0-3	10YR3/3 dark brown silty sand with root mat		and in amount
5 1 0-6 107 R6.6 brown silty sand 20% gravel, till 6 1 0-3 107 R8.3 dark brown silty sand 20% gravel, till 7 2 3-15 107 R8.66 browns silty sand 20% gravel, till 8 1 0-5 107 R8.66 brown silty sand 20% gravel, till 9 1 0-5 107 R8.66 brown silty sand 20% gravel, till 10 2 5-17 107 R8.66 brown silty sand with noot mat 10 1 0-4 107 R8.66 brown silty sand with noot mat 10 1 0-7 107 R8.06 brown silty sand with noot mat 10 1 0-7 107 R8.30 dark brown silty sand with noot mat 11 0-7 107 R8.30 dark brown silty sand with noot mat 12 2-16 107 R8.32 dark brown silty sand with noot mat 13 16-24 107 R8.32 dark brown silty sand 20% gravel, till 14 0-5 107 R8.32 dark brown silty sand with noot mat 15 0-19 107 R8.32 dark brown silty sand 20% gravel, till 16 1 0-7 107 R8.66 brownish yellow fine silty sand 20% gravel, till				2	3-14	10YR6/6 brownish yellow fine silty sand 20% gravel, till	mid ke	kettle divide
6 1 6-21 107R/866 brownish yellow fine silty sand 20% gravel, till 7 2 3-15 107R/866 brownish yellow fine silty sand 20% gravel, till 8 1 0-5 107R/866 brownish yellow fine silty sand 20% gravel, till 8 1 0-5 107R/866 brownish yellow fine silty sand 20% gravel, till 9 1 0-5 107R/866 brownish yellow fine silty sand 20% gravel, till 9 2 5-17 107R/866 brownish yellow fine silty sand 20% gravel, till 10 2 5-17 107R/866 brownish yellow fine silty sand 20% gravel, till 10 1 0-4 107R/866 brownish yellow fine silty sand 20% gravel, till 10 2 4-17 107R/866 brownish yellow fine silty sand 20% gravel, till 11 2 4-17 107R/866 brownish yellow fine silty sand 20% gravel, till 12 3 16-24 107R/866 brownish yellow fine silty sand 20% gravel, till 12 4-10 107R/866 graysk brown silty sand with root mat 13 10-19 107R/866 brownish yellow fine silty sand 20% gravel, till 14 1 0-10 107R/866 brownish yellow fine silty sand 20% gravel, till 15 1 0-10 107R/866 brownish yellow fine silty sand 20% gravel, till <td>47</td> <td>5</td> <td></td> <td>1</td> <td>9-0</td> <td>10YR3/3 dark brown silty sand with root mat</td> <td></td> <td>and in amount</td>	47	5		1	9-0	10YR3/3 dark brown silty sand with root mat		and in amount
1 0-3 10/YR6/6 brownish yellow fine silty sand 20% gravel, till 2 3-15 10/YR6/6 brownish yellow fine silty sand 20% gravel, till 3 5-15 10/YR6/6 brownish yellow fine silty sand 20% gravel, till 4 5-17 10/YR6/6 brownish yellow fine silty sand 20% gravel, till 5 5-17 10/YR6/6 brownish yellow fine silty sand 20% gravel, till 1 0-4 10/YR3/3 dark brown silty sand with root mat 1 1 0-4 10/YR6/6 brownish yellow fine silty sand 20% gravel, till 2 7-16 10/YR3/3 dark brown silty sand with root mat 3 16-24 10/YR6/6 brownish yellow fine silty sand 20% gravel, till 1 0-5 10/YR3/3 dark brown silty loam 2 5-10 10/YR3/3 dark brown silty sand 20% gravel, till 3 16-24 10/YR6/6 brownish yellow fine silty sand 20% gravel, till 4 5-10 10/YR3/3 dark brown silty sand 40% gravel, till 5 5-10 10/YR3/3 dark brown silty sand 20% gravel, till 6 7-2 10/YR3/3 dark brown silty sand 20% gravel, till 1 0-7 10/YR3/3 dark brown silty sand 20% gravel, till 2 7-22 10/YR3/3 dark brown silty sand 20% gravel, till 5 1-27 10/YR3/3 dark brown silty sand 20% gravel, till 6 7 10/YR3/3 dark brown silty sand 20% gravel, till 1 0-7 10/YR3/3 dark brown silty sand 20% gravel, till 2 7-22 10/YR3/3 dark brown silty sand 20% gravel, till 3 1 0-7 10/YR3/3 dark brown silty sand 20% gravel, till 4 1 0-7 10/YR3/3 dark brown silty sand 20% gravel, till 5 1 0-7 10/YR3/3 dark brown silty sand 20% gravel, till 6 7 10/YR3/3 dark brown silty sand 20% gravel, till 7 1 10/YR3/3 dark brown silty sand with root mat 8 1 0-7 10/YR3/3 dark brown silty sand with root mat 9 1 0-7 10/YR3/3 dark brown silty sand with root mat 1 0-7 10/YR3/3 dark brown silty sand with root mat 1 0-7 10/YR3/3 dark brown silty sand with root mat 1 0-7 10/YR3/3 dark brown silty sand with root mat 1 0-7 10/YR3/3 dark brown silty sand with root mat 1 0-7 10/YR3/3 dark brown silty sand with root mat 1 0-7 10/YR3/3 dark brown silty sand with root mat 1 0-7 10/YR3/3 dark b				2	6-21	10YR6/6 brownish yellow fine silty sand 20% gravel, till	mid ke	kettle divide
1		9		1	0-3	10YR3/3 dark brown silty sand with root mat		
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2 5-15 10YR6/6 brownish yellow fine sitly sand 20% gravel, till 2 10.47 10YR8/6 brown silv sand with root mat 2 2 1-17 10YR8/6 brownish yellow fine silv sand 20% gravel, till 3 10-4 10YR5/3 dark brown silv sand 20% gravel, till 4 1 10.48/3 dark brown silv sand with root mat 5 1-16 10YR5/2 grayish brown silv sand avint root mat 6 2 1-16 10YR5/2 grayish brown silv sand 20% gravel, till 7 0-5 10YR5/2 grayish brown silv sand vith root mat 7 1 0-5 10YR5/2 grayish brown silv sand 20% gravel, till 8 1 0-19 10YR6/6 brownish yellow fine silv sand 20% gravel, till 9 1 0-7 10YR5/2 grayish brown silv sand 20% gravel, till 1 0-7 10YR6/6 brownish yellow fine silv sand 20% gravel, till 2 1-23 10YR6/6 brownish yellow fine silv sand 20% gravel, till 9 1 0-7 10YR6/6 brownish yellow fine silv sand 20% gravel, till 1 0-7 10YR6/6 brownish yellow fine silv sand 20% gravel, till 2 1-17 10YR6/6 brownish yellow fine silv sand 20% gravel, till 2 1-17 10YR6/6 brownish yellow fine silv sand 20% gravel, till 2 1-17 10YR6/6 brownish yellow fine silv sand 20% gravel, till 2 1-17 10YR6/6 brownish yellow fine silv sand 20% gravel, till 2 1-17 10YR6/6 brownish yellow fine silv sand 20% gravel, till 2 1-17 10YR6/6 brownish yellow fine silv sand 20% gravel, till 3 1-1-1 10YR6/6 brownish yellow fine silv sand 20% gravel, till 4 1-7 10YR6/6 brownish yellow fine silv sand 20% gravel, till 5 1-17 10YR6/6 brownish yellow fine silv sand 20% gravel, till 6 0-5 10YR6/6 brownish yellow fine silv sand 20% gravel, till 7 1-17 10YR6/6 brownish yellow fine silv sand 20% gravel, till 8 1-1-1 10YR6/6 brownish yellow fine silv sand 20% gravel, till 9 0-5 10YR6/6 brownish yellow fine silv sand 20% gravel, till 1 0-5 10YR6/6 brownish yellow fine silv sand 20% gravel, till 1 0-5 10YR6/6 brownish yellow fine silv sand 20% gravel, till		7		-	0-5	10YR3/3 dark brown silty sand with root mat	mid ke	kettle divide
1 0-5 10YR3/3 dark brown silty sand with root mat 2 5-17 10YR6/6 brownish yellow fine silty sand 20% gravel, till 3 4-17 10YR6/6 brownish yellow fine silty sand 20% gravel, till 1 0-7 10YR3/3 dark brown silty sand with root mat 2 7-16 10YR3/3 gark brown silty sand with root mat 3 16-24 10YR3/3 dark brown silty sand with root mat 1 0-5 10YR3/3 dark brown silty sand with root mat 2 5-10 10YR8/2 grayish brown silty loam 3 16-19 10YR6/6 brownish yellow fine silty sand 20% gravel, till 1 0-7 10YR3/3 dark brown silty sand with root mat 2 7-17 10YR6/6 brownish yellow fine silty sand 20% gravel, till 1 0-7 10YR3/3 dark brown silty sand with root mat 2 7-17 10YR6/6 brownish yellow fine silty sand 20% gravel, till 1 0-7 10YR3/3 dark brown silty sand with root mat 2 7-17 10YR6/6 brownish yellow fine silty sand 20% gravel, till 1 0-7 10YR3/3 dark brown silty sand with root mat 2 7-17 10YR6/6 brownish yellow fine silty sand 20% gravel, till 1 0-7 10YR3/3 dark brown silty sand with root mat 2 7-17 10YR6/6 brownish yellow fine silty sand 20% gravel, till 0 -5 10YR3/3 dark brown silty sand with root mat 0 -7 10YR3/3 dark brown silty sand with root mat 0 -5 10YR3/3 dark brown silty sand with root mat 0 -5 10YR3/3 dark brown silty sand with root mat 0 -5 10YR3/3 dark brown silty sand with root mat 0 -5 10YR3/3 dark brown silty sand with root mat 0 -5 10YR3/3 dark brown silty sand with root mat 0 -5 10YR3/3 dark brown silty sand with root mat 0 -5 10YR3/3 dark brown silty sand with root mat 0 -5 10YR3/3 dark brown silty sand with root mat 0 -5 10YR3/3 dark brown silty sand with root mat 0 -5 10YR3/3 dark brown silty sand with root mat 0 -7 10YR3/4 dark brown silty sand with root mat 0 -7 10YR3/4 dark brown silty sand with root mat 0 -7 10YR3/4 dark brown silty sand with root mat 0 -7 10YR3/4 dark brown silty sand with root ma				2	5-15	10YR6/6 brownish yellow fine silty sand 20% gravel, till	southe	hern slope
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1 0-5 10YR3/3 dark brown silty sand with root mat 2 5-10 10YR5/2 grayish brown silty loam 3 10-19 10YR6/6 brownish yellow fine silty sand 20% gravel, till 2 7-23 10YR6/6 brownish yellow fine silty sand 20% gravel, till 3 1-1 10YR6/6 brownish yellow fine silty sand 20% gravel, till 4 0-7 10YR3/3 dark brown silty sand with root mat 5 7-17 10YR6/6 brownish yellow fine silty sand 20% gravel, till 5 1-10-31 10YR6/6 brownish yellow fine silty sand 20% gravel, till 6 1-1 10YR3/3 dark brown silty sand with root mat 7 1-2 10YR3/3 dark brown silty sand with root mat 7 1-2 10YR6/6 brownish yellow fine silty sand 20% gravel, till 7 1-2 10YR6/6 brownish yellow fine silty sand 20% gravel, till 7 1-2 10YR6/6 brownish yellow fine silty sand 20% gravel, till 7 1-17 10YR6/6 brownish yellow fine silty sand 20% gravel, till 7 1-17 10YR6/6 brownish yellow fine silty sand 20% gravel, till 8 1 0-5 10YR8/6 brownish yellow fine silty sand 20% gravel, till 9 5-17 10YR6/6 brownish yellow fine silty sand 20% gravel, till			7	3	16-24	10YR6/6 brownish yellow fine silty sand 20% gravel, till		
2 5-10 10YR5/2 grayish brown silty loam 3 10-19 10YR6/6 brownish yellow fine silty sand 20% gravel, till 1 0-7 10YR3/3 dark brown silty sand with root mat 2 7-23 10YR6/6 brownish yellow fine silty sand 20% gravel, till 2 7-17 10YR3/3 dark brown silty sand 20% gravel, till 2 7-17 10YR3/3 dark brown silty sand 20% gravel, till 2 10-31 10YR6/6 brownish yellow fine silty sand 20% gravel, till 2 10-32 10YR3/3 dark brown silty sand with root mat 2 10-31 10YR6/6 brownish yellow fine silty sand 20% gravel, till 3 7-22 10YR6/6 brownish yellow fine silty sand 20% gravel, till 4 0-7 10YR3/3 dark brown silty sand with root mat 5 7-27 10YR8/6 brownish yellow fine silty sand 20% gravel, till 6 0-5 10YR8/3 dark brown silty sand with root mat 7 10YR8/6 brownish yellow fine silty sand 20% gravel, till 7 10YR6/6 brownish yellow fine silty sand 20% gravel, till 8 5-17 10YR6/6 brownish yellow fine silty sand 20% gravel, till	,	=		-	0-5	10YR3/3 dark brown silty sand with root mat		
3 10-19 10YR6/6 brownish yellow fine silty sand 20% gravel, till 0-7 10YR3/3 dark brown silty sand with root mat 2 7-23 10YR6/6 brownish yellow fine silty sand 20% gravel, till 0-7 10YR3/3 dark brown silty sand with root mat 1 0-10 10YR3/3 dark brown silty sand 20% gravel, till 1 0-10 10YR3/3 dark brown silty sand 20% gravel, till 1 0-7 10YR3/3 dark brown silty sand 20% gravel, till 2 7-22 10YR6/6 brownish yellow fine silty sand 20% gravel, till 1 0-7 10YR3/3 dark brown silty sand with root mat 2 7-17 10YR6/6 brownish yellow fine silty sand 20% gravel, till 2 7-17 10YR3/3 dark brown silty sand with root mat 2 7-17 10YR8/6 brownish yellow fine silty sand 20% gravel, till 2 7-17 10YR6/6 brownish yellow fine silty sand 20% gravel, till 1 0-5 10YR8/3 dark brown silty sand with root mat 2 5-17 10YR6/6 brownish yellow fine silty sand 20% gravel, till 2 5-17 10YR6/6 brownish yellow fine silty sand 20% gravel, till 2 5-17 10YR6/6 brownish yellow fine silty sand 20% gravel, till 3 3 3 3 3 3 3 3 3				2	5-10	10YR5/2 grayish brown silty loam		
1 0-7 10YR3/3 dark brown silty sand with root mat 2 7-23 10YR6/6 brownish yellow fine silty sand 20% gravel, till 2 7-17 10YR8/6 brownish yellow fine silty sand 20% gravel, till 2 7-17 10YR8/6 brownish yellow fine silty sand 20% gravel, till 2 10-31 10YR8/6 brownish yellow fine silty sand 20% gravel, till 2 7-22 10YR8/6 brownish yellow fine silty sand 20% gravel, till 2 7-17 10YR8/6 brownish yellow fine silty sand 20% gravel, till 2 7-17 10YR8/6 brownish yellow fine silty sand 20% gravel, till 3 7-17 10YR8/6 brownish yellow fine silty sand 20% gravel, till 4 0-5 10YR8/6 brownish yellow fine silty sand 20% gravel, till				3	10-19	10YR6/6 brownish yellow fine silty sand 20% gravel, till		
2 7-23 10YR6/6 brownish yellow fine silty sand 20% gravel, till 1 0-7 10YR3/3 dark brown silty sand with root mat 2 7-17 10YR6/6 brownish yellow fine silty sand 20% gravel, till 2 10-31 10YR6/6 brownish yellow fine silty sand 20% gravel, till 1 0-7 10YR3/3 dark brown silty sand with root mat 2 7-22 10YR6/6 brownish yellow fine silty sand 20% gravel, till 1 0-7 10YR3/3 dark brown silty sand with root mat 2 7-17 10YR6/6 brownish yellow fine silty sand 20% gravel, till 1 0-5 10YR8/3 dark brown silty sand with root mat 2 5-17 10YR6/6 brownish yellow fine silty sand 20% gravel, till		12		-	0-7	10YR3/3 dark brown silty sand with root mat	mid ke	kettle divide
1 0-7 10YR3/3 dark brown silty sand with root mat 2 7-17 10YR6/6 brownish yellow fine silty sand 20% gravel, till 1 0-10 10YR3/3 dark brown silty sand with root mat 2 10-31 10YR6/6 brownish yellow fine silty sand 20% gravel, till 1 0-7 10YR3/3 dark brown silty sand with root mat 2 7-22 10YR6/6 brownish yellow fine silty sand 20% gravel, till 1 0-7 10YR3/3 dark brown silty sand with root mat 2 7-17 10YR3/3 dark brown silty sand 20% gravel, till 2 7-17 10YR6/6 brownish yellow fine silty sand 20% gravel, till 2 5-17 10YR6/6 brownish yellow fine silty sand 20% gravel, till				2	7-23	10YR6/6 brownish yellow fine silty sand 20% gravel, till		
2 7-17 10YR6/6 brownish yellow fine silty sand 20% gravel, till 1 0-10 10YR3/3 dark brown silty sand with root mat 2 10-31 10YR6/6 brownish yellow fine silty sand 20% gravel, till 2 7-22 10YR6/6 brownish yellow fine silty sand 20% gravel, till 1 0-7 10YR3/3 dark brown silty sand with root mat 2 7-17 10YR6/6 brownish yellow fine silty sand 20% gravel, till 2 7-17 10YR6/6 brownish yellow fine silty sand 20% gravel, till 2 5-17 10YR6/6 brownish yellow fine silty sand 20% gravel, till		13		-	0-7	10YR3/3 dark brown silty sand with root mat	mid ke	kettle divide
1 0-10 10YR3/3 dark brown silty sand with root mat 2 10-31 10YR6/6 brownish yellow fine silty sand 20% gravel, till 1 0-7 10YR3/3 dark brown silty sand with root mat 2 7-22 10YR6/6 brownish yellow fine silty sand 20% gravel, till 1 0-7 10YR3/3 dark brown silty sand with root mat 2 7-17 10YR6/6 brownish yellow fine silty sand 20% gravel, till 2 7-17 10YR6/6 brownish yellow fine silty sand 20% gravel, till 2 5-17 10YR6/6 brownish yellow fine silty sand 20% gravel, till				2	7-17	10YR6/6 brownish yellow fine silty sand 20% gravel, till		
1 0-7 10YR6/6 brownish yellow fine silty sand 20% gravel, till 2 7-22 10YR6/6 brownish yellow fine silty sand 20% gravel, till 1 0-7 10YR6/6 brownish yellow fine silty sand 20% gravel, till 2 7-17 10YR6/6 brownish yellow fine silty sand 20% gravel, till 3 7-17 10YR6/6 brownish yellow fine silty sand 20% gravel, till 5 5-17 10YR6/6 brownish yellow fine silty sand 20% gravel, till		14		1	0-10	10YR3/3 dark brown silty sand with root mat	5m not	north of gravel rd
1 0-7 10YR3/3 dark brown silty sand with root mat 2 7-22 10YR6/6 brownish yellow fine silty sand 20% gravel, till 1 0-7 10YR6/6 brownish yellow fine silty sand 20% gravel, till 2 7-17 10YR6/6 brownish yellow fine silty sand 20% gravel, till 3 0-5 10YR8/6 brownish yellow fine silty sand 20% gravel, till 2 5-17 10YR6/6 brownish yellow fine silty sand 20% gravel, till				2	10-31	10YR6/6 brownish yellow fine silty sand 20% gravel, till	Subsoi	soil at base
2 7-22 10YR6/6 brownish yellow fine silty sand 20% gravel, till 1 0-7 10YR3/3 dark brown silty sand with root mat 2 7-17 10YR6/6 brownish yellow fine silty sand 20% gravel, till 1 0-5 10YR3/3 dark brown silty sand with root mat 2 5-17 10YR6/6 brownish yellow fine silty sand 20% gravel, till		15		-	0-7	10YR3/3 dark brown silty sand with root mat	2m son	south of gravel road
1 0-7 10YR3/3 dark brown silty sand with root mat 2 7-17 10YR6/6 brownish yellow fine silty sand 20% gravel, till 1 0-5 10YR3/3 dark brown silty sand with root mat 2 5-17 10YR6/6 brownish yellow fine silty sand 20% gravel, till				2	7-22	10YR6/6 brownish yellow fine silty sand 20% gravel, till	Subsoi	soil at base
2 7-17 10YR6/6 brownish yellow fine silty sand 20% gravel, till 1 0-5 10YR3/3 dark brown silty sand with root mat 2 5-17 10YR6/6 brownish yellow fine silty sand 20% gravel, till		16		1	0-7	10YR3/3 dark brown silty sand with root mat	Mid ke	kettle divide
1 0-5 10YR3/3 dark brown silty sand with root mat 2 5-17 10YR6/6 brownish yellow fine silty sand 20% gravel, till			100	2	7-17	10YR6/6 brownish yellow fine silty sand 20% gravel, till	Subsoi	soil at base
5-17 10YR6/6 brownish yellow fine silty sand 20% gravel, till		17		-	0-5	10YR3/3 dark brown silty sand with root mat	Mid ke	kettle divide
	1			7	2-17	10YR6/6 brownish yellow fine silty sand 20% gravel, till	Subsoi	soil at base
	8							

Transect	STU	Radial	Level	Depth (cm)	Soil Description	Cultural Material	Comments
47	18		-	0-7	10YR3/3 dark brown silty sand with root mat		Subsoil at base
			2	7-17	10YR6/6 brownish yellow fine silty sand 20% gravel, till		Mid kettle divide
47	19		-	6-0	10YR3/3 dark brown silty sand with root mat		Cubeoil at base
			2	61-6	10YR6/6 brownish yellow fine silty sand 20% gravel, till		Mid kettle divide
48	1		-	0-2	10YR3/2 very dark grayish brown silty sand and root mat		mid kettle west edge radar
			2	2-5	10YR5/2grayish brown sandy clay		ma venie west edge radar
			3	5-12	7.5YR4/4 brown sandy loam		
			4	12-29	10YR5/8 yellowish brown silty loam		
			5	29-32	10YR6/6 brownish yellow silty and with 20% gravel, till		
48	2		-	0-2	10YR3/2 very dark grayish brown silty sand and root mat		mid kettle divide west
			2	2-4	10YR5/2grayish brown sandy clay		
			3	4-11	7.5YR4/4 brown sandy loam		
			4	11-28	10YR5/8 yellowish brown silty loam		
			5	28-30	10YR6/6 brownish yellow silty and with 20% gravel, till		till
48	3		-	0-2	10YR3/2 very dark grayish brown silty sand and root mat		mid kettle divide west
			2	2-5	10YR5/2grayish brown sandy clay		
			3	5-12	7.5YR4/4 brown sandy loam		
			4	12-28	10YR5/8 yellowish brown silty loam		
			5	28-32	10YR6/6 brownish yellow silty and with 20% gravel, till		
48	4		-	0-2	10YR3/2 very dark grayish brown silty sand and root mat		id kettle divide west edge
			2	2-5	10YR5/2grayish brown sandy clay		
			3	5-12	7.5YR4/4 brown sandy loam		
			4	12-28	10YR5/8 yellowish brown silty loam		
			5	28-32	10YR6/6 brownish yellow silty and with 20% gravel, till		
49	-		-	0-2	10YR3/2 very dark grayish brown silty sand and root mat		mid kettle divide west
			2	2-4	10YR5/2grayish brown sandy clay		
			3	4-8	7.5YR4/4 brown sandy loam		
			4	8-25	10YR5/8 yellowish brown silty loam		
			5	25-30	10YR6/6 brownish yellow silty and with 20% gravel, till		
49	2		-	0-2	10YR3/2 very dark grayish brown silty sand and root mat		mid kettle divide west
			2	2-5	10YR5/2grayish brown sandy clay		
			3	5-10	7.5YR4/4 brown sandy loam		
21			4	10-27	10YR5/8 yellowish brown silty loam		
			5	27-30	10YR6/6 brownish yellow silty and with 20% gravel, till		7
atic.							

Transect	STU	Radial	Level	Depth (cm)	Soil Description	Cultural Material	Comments
49	3		1	0-2	10YR3/2 very dark grayish brown silty sand and root mat		mid kettle divide west
			2	2-7	10YR5/2grayish brown sandy clay		
			3	7-12	7.5YR4/4 brown sandy loam		
			4	12-28	10YR5/8 yellowish brown silty loam		
			5	28-32	10YR6/6 brownish yellow silty and with 20% gravel, till		
49	4		-	0-3	10YR3/2 very dark grayish brown silty sand and root mat		mid kettle divide west edg
			2	3-6	10YR5/2grayish brown sandy clay		0
			3	6-11	7.5YR4/4 brown sandy loam		
			4	11-25	10YR5/8 yellowish brown silty loam		
			5	25-31	10YR6/6 brownish yellow silty and with 20% gravel, till		
50	_		-	0-2	10YR3/2 very dark grayish brown silty sand and root mat		West side of kettle 5
			2	2-4	10YRS/2grayish brown sandy clay		
			3	4-22	7.5YR4/4 brown sandy loam		
			4	22-30	10YR5/8 yellowish brown silty loam		
	**		5	30-38	10YR6/6 brownish yellow silty and with 20% gravel, till		
50	2		-	0-2	10YR3/2 very dark grayish brown silty sand and root mat		West side of kettle 5
			2	2-4	10YRS/2grayish brown sandy clay		
			3	4-22	7.5YR4/4 brown sandy loam		
			4	22-30	10YR5/8 yellowish brown silty loam		
			5	30-38	10YR6/6 brownish yellow silty and with 20% gravel, till		
50	3		-	0-2	10YR3/2 very dark grayish brown silty sand and root mat		Southern slope
			2	2-4	10YR5/2grayish brown sandy clay		
			3	4-22	7.5YR4/4 brown sandy loam		
			4	22-30	10YR5/8 yellowish brown silty loam		
			2	30-38	10YR6/6 brownish yellow silty and with 20% gravel, till		
51	_		1	0-10	10YR3/3 dark brown silty sand with root mat		mid kettle / 15m E of dirt
			2	10-15	10YR5/8 yellowish brown silty sand		
			3	15-25	10YR6/6 brownish yellow fine silty sand 25% gravel, till		
51	2		-	0-3	10YR3/3 dark brown silty sand with root mat		mid kettle / 15m E of dirt
			2	3-15	10YR5/8 yellowish brown silty sand		
51	3		-	0-3	10YR6/6 brownish yellow fine silty sand 25% gravel, till		mid kettle / 15m E of dirt
			2	3-10	10YR3/3 dark brown silty sand with root mat		mid kettle / 15m E of dirt
			3	10-15	10YR5/8 yellowish brown silty sand		
52	1		1	2-0	10YR3/3 dark brown silty sand and root mat		
			2	7-15	10YR4/6 dark yellowish brown silty sand with 10% gravel		
			3	15-39	10YR7/2 light gray silty sand with 20% gravel, till		
			4	39-40	10YR7/2 light gray coarse sand		
52	2		-	6-0	10YR3/3 dark brown silty sand and root mat		
			2	9-22	10YR4/6 dark yellowish brown silty sand with 10% gravel		
			3	22-32	10YR7/2 light gray silty sand with 20% gravel, till		
				-			

	(cm)		Curtain Itanician	
1	0-13	10YR3/3 dark brown silty sand and root mat		
2	13-30	10YR6/8 brownish yellow fine sandy loam with 20% gravel, till		
3	30-48	10YR7/2 light gray coarse sand		
1	0-20	10YR3/3 dark brown silty sand and root mat		
2	20-38	10YR6/8 brownish yellow fine sandy loam with 20% gravel, till		
3	38-45	10YR7/2 light gray coarse sand		
-	6-0	10YR3/3 dark brown silty sand and root mat		
2	9-41	10YR6/8 brownish yellow fine sandy loam with 20% gravel, till		
3	41-61	10YR7/2 light gray coarse sand		
4	61-80	10YR72/ light gray coarse sand and 15% gravel		
-	0-10	10YR3/3 dark brown silty sand and root mat		
2	10-39	10YR4/6 dark yellowish brown silty sand with 10% gravel		
3	39-79	10YR7/2 light gray silty sand with 20% gravel, till		
1	0-10	10YR3/3 dark brown silty sand and root mat		
2	10-35			
3	35-50	10YR7/2 light gray silty sand with 20% gravel, till		
1	0-10	10YR3/3 dark brown silty sand and root mat		
2	10-22			
3	22-53	2.5Y5/3 and 2.5Y5/4 silty loam with medium sands	1 rhvolite flake, 1 fcr	Site 77 7 MF
4	53-80			OIN THE ME
-	0-5	10YR3/3 dark brown silty loam and root mat		
2	5-15	10YR6/4 yellowish brown silty sand with 20% gravel, till		
-	0-5	10YR3/3 dark brown silty loam and root mat		
2	5-17			
-	0-5	10YR3/3 dark brown silt loam with root mat		
2	2-8	10YR7/2 light gray silt		
3	8-18	10YR6/4 brownish yellow silty sand with 20% gravel		
-	0-5	10YR3/3 dark brown silt loam with root mat		
2	5-7	10YR7/2 light gray silt		
3	7-20	10YR6/4 brownish yellow silty sand with 20% gravel		
-	9-0	10YR3/3 dark brown silty loam and root mat		
2	6-13	10YR6/4 yellowish brown silty sand with 20% gravel, till		
-	0-5	10YR3/3 dark brown silty loam and root mat		
2	5-20	10YR6/4 yellowish brown silty sand with 20% gravel, till		
-	0-5	10YR3/3 dark brown silt loam with root mat		
2	5-11	10YR7/2 light gray silt		
3	11-21	10YR6/4 brownish yellow silty sand with 20% gravel		
1	8-0	10YR3/3 dark brown silt loam with root mat		
2	8-10	10YR7/2 light gray silt		
3	10-21	10VR6/4 hrownish wellow eilty eand with 200/ grannel		

Transect	STU	Radial	Level	Depth (cm)	Soil Description	Cultural Material	Comments
99	6		1	8-0	10YR3/3 dark brown silty loam and root mat		
			2	8-32			
56	10		1	0-5	10YR3/3 dark brown silty loam and root mat		
			2	5-20	10YR6/4 yellowish brown silty sand with 20% gravel, till		
57	1		1	0-2	10YR3/2 very dark grayish brown silty loam and root mat		Down slope
			2	2-5	10YRS/2grayish brown sandy loam		
			3	5-7	10YR4/4 dark yellowish brown sandy loam		
1			4	7-27	10YR5/8 yellowish brown sandy loam		200
			5	27-39	10YR6/6 brownish yellow sandy loam 20% gravel, till		
57	2		-	9-0	10YR3/2 very dark grayish brown silty loam and root mat		Top of knoll
			2	6-17	10YR5/8 yellowish brown sandy loam, 20% gravel, till		
57	3		-	0-2	10YR3/2 very dark grayish brown silty loam and root mat		Top of kettle
			2	2-3	10YR5/2grayish brown sandy loam		
			3	3-7	10YR4/4 dark yellowish brown sandy loam		
			4	7-33	10YR5/8 yellowish brown sandy loam		
			5	33-37	10YR6/6 brownish yellow sandy loam 20% gravel, till		
57	4		-	0-10	10YR3/2 very dark grayish brown silty loam and root mat		20m w of dirt road
			2	10-23	10YR5/8 yellowish brown sandy loam, 20% gravel, till		
57	2		-	0-2	10YR3/2 very dark grayish brown silty loam and root mat		Top of knoll
			2	2-5	10YR5/2grayish brown sandy loam		
			3	2-7	10YR4/4 dark yellowish brown sandy loam		
			4	7-28	10YR5/8 yellowish brown sandy loam		
			5	28-32	10YR6/6 brownish yellow sandy loam 20% gravel, till		
57	9		-	01-0	10YR3/2 very dark grayish brown silty loam and root mat		
			2	10-20	10YR5/2grayish brown sandy loam		
			3	20-23	7.5YR4/4 brown silty loam		
57	7		-	9-0	10YR3/3 dark brown silty loam with root mat		
			2	6-10	2.5Y4/4 light olive brown albic		
			3	10-24	10YR5/2 grayish brown sandy loam		
			4	24-27	7.5YR4/4 brown silty loam		
57	∞		-	0-3	10YR3/2 very dark grayish brown silty loam and root mat		Downslope, 20m east of rd
			2	3-5	10YR5/2grayish brown sandy loam		
			3	5-9	10YR4/4 dark yellowish brown sandy loam		
			4	9-28	10YR5/8 yellowish brown sandy loam	4	
			5	28-30	10YR6/6 brownish yellow sandy loam 20% gravel, till		
57	6		-	0-3	10YR3/3 dark brown silty loam with root mat		
			2	3-12	10YR5/8 yellowish brown sandy loam		
			3	12-24	10YR6/6 brownish yellow sandy loam 20% gravel, till		
57	10		-	0-10	10YR3/3 dark brown silty loam with root mat		
			2	10-23	10YR5/8 yellowish brown sandy loam		
			3	23-34	7.5YR4/4 brown silty loam		

Transect	STU	Radial	Level	Depth (cm)	Soil Description	Cultural Material	Comments
57	11		-	0-5	10YR3/3 dark brown silty loam and root mat		Blueberry field
			2	5-30			
. 58	_		1	0-2	10YR3/2 very dark grayish brown silty loam and root mat		Barrier down slope
			2	2-3	10YR5/2grayish brown sandy loam		
			3	3-8	10YR4/4 dark yellowish brown sandy loam		
			4	8-29	10YR5/8 yellowish brown sandy loam		
			5	29-32	10YR6/6 brownish yellow sandy loam 20% gravel, till		
28	2		-	0-2	10YR3/2 very dark grayish brown silty loam and root mat		
			2	2-4	10YR5/2grayish brown sandy loam		
			3	4-6	10YR4/4 dark yellowish brown sandy loam		
			4	6-28	10YR5/8 yellowish brown sandy loam		
			5	28-31	10YR6/6 brownish yellow sandy loam 20% gravel, till		
88	3		-	0-2	10YR3/2 very dark grayish brown silty loam and root mat		
			2	2-3	10YR5/2grayish brown sandy loam		
	8		3	3-7	10YR4/4 dark yellowish brown sandy loam		
			4	7-29	10YR5/8 yellowish brown sandy loam		
			5	29-32	10YR6/6 brownish yellow sandy loam 20% gravel, till		
58	4		-	0-3	10YR3/2 very dark grayish brown silty loam and root mat		
			2	3-4	10YR5/2grayish brown sandy loam		
			3	9-4	10YR4/4 dark yellowish brown sandy loam		
			4	6-59	10YR5/8 yellowish brown sandy loam		
			5	29-32	10YR6/6 brownish yellow sandy loam 20% gravel, till		
28	2		-	0-3	10YR3/2 very dark grayish brown silty loam and root mat		
			2	3-5	10YR5/2grayish brown sandy loam		
			3	5-7	10YR4/4 dark yellowish brown sandy loam		
			4	7-27	10YR5/8 yellowish brown sandy loam		
			2	27-39	10YR6/6 brownish yellow sandy loam 20% gravel, till		
59	-		-	0-3	10YR3/3 dark brown silty loam with root mat		
			2	3-18	10YR5/8 yellowish brown sandy loam		
			3	18-31	10YR6/6 brownish yellow sandy loam 20% gravel, till		
59	2		-	0-7	10YR3/3 dark brown silty loam with root mat		
			2	7-13	10YR5/8 yellowish brown sandy loam		
			3	13-33	10YR6/6 brownish yellow sandy loam 20% gravel, till		
59	3		1	0-11	10YR3/3 dark brown silty loam with root mat		
			2	11-21	10YR5/8 yellowish brown sandy loam		
			3	21-32	10YR6/6 brownish yellow sandy loam 20% gravel, till		A
59	4		-	0-7	10YR3/3 dark brown silty loam with root mat		
			2	7-22	10YR5/8 yellowish brown sandy loam		
			3	22-34	10YR6/6 brownish yellow sandy loam 20% gravel, till		332

Transect	STU	Radial	Level	Depth (cm)	Soil Description	Cultural Material	Comments
59	5		-	0-7	10YR3/3 dark brown silty loam with root mat		
			2	7-21			
			3	21-35	10YR6/6 brownish yellow sandy loam 20% gravel, till		
59	9		1	6-0	10YR3/3 dark brown silty loam with root mat		
			2	9-17	10YR5/8 yellowish brown sandy loam		
			3	17-40	10YR6/6 brownish yellow sandy loam 20% gravel, till		
59	7		1	0-5	10YR3/3 dark brown silty loam with root mat		
			2	5-10			
			3	10-31	10YR6/6 brownish yellow sandy loam 20% gravel, till		
59	8		1	0-7	10YR3/3 dark brown silty loam with root mat		
			2	7-12	10YR5/8 yellowish brown sandy loam		170
			3	12-29	10YR6/6 brownish yellow sandy loam 20% gravel, till		
09	1		1	6-0	10YR3/3 dark brown silty loam with root mat		
			2	9-21	10YR6/4 light yellowish brown sandy silt with 20% gravel, till		
09	2		1	0-5	10YR3/3 dark brown silty loam with root mat		
			2	5-21			-
09	3		-	9-0	10YR3/3 dark brown silty loam with root mat		
			2	91-9	10YR6/4 light yellowish brown sandy silt with 20% gravel, till		
09	4		-	9-0	10YR3/3 dark brown silty loam with root mat		
			2	6-18	10YR6/4 light yellowish brown sandy silt with 20% gravel, till		
09	2		-	0-5	10YR3/3 dark brown silty loam with root mat		
			2	5-15	10YR6/4 light yellowish brown sandy silt with 20% gravel, till		
19	_		-	0-4	10YR3/3 dark brown silty loam with root mat		
			2	4-11	10YR5/8 yellowish brown sandy loam		
			3	11-28	10YR6/6 brownish yellow sandy loam 20% gravel, till		
61	2		-	9-0	10YR3/3 dark brown silty loam with root mat		
			2	6-11	10YR5/8 yellowish brown sandy loam		
			3	11-29	10YR6/6 brownish yellow sandy loam 20% gravel, till		
61	3		_	0-4	10YR3/3 dark brown silty loam with root mat		
	1		2	4-14	10YR5/8 yellowish brown sandy loam		
			3	14-29	10YR6/6 brownish yellow sandy loam 20% gravel, till		
19	4		-	0-7	10YR3/3 dark brown silty loam with root mat		
			2	7-16	10YR5/8 yellowish brown sandy loam		
			3	16-33	10YR6/6 brownish yellow sandy loam 20% gravel, till		
62	1		1	0-7	10YR3/3 dark brown silty loam with root mat		
			2	7-12	10YR5/8 yellowish brown sandy loam		
			3	12-24	10YR6/6 brownish yellow sandy loam 20% gravel, till		
62	2		-	0-13	10YR3/3 dark brown silty loam with root mat		
			2	13-18	10YR5/8 yellowish brown sandy loam		
			3	13-28	10YR6/6 brownish yellow sandy loam 20% gravel, till		

	(cm)	Son Description	Cultural Material	Comments	
	2-0	10YR3/3 dark brown silty loam with root mat			T
	7-10	10YR7/2 light gray silty loam			T
	10-18	10YR5/8 yellowish brown sandy loam			T
	18-28	10YR6/6 brownish yellow sandy loam 20% gravel, till			
1	9-0	10YR3/3 dark brown silty loam with root mat			Γ
	6-14	10YR5/8 yellowish brown sandy loam			Γ
	14-29	10YR6/6 brownish yellow sandy loam 20% gravel, till			T
	6-0	10YR3/3 dark brown silty loam with root mat			T
	9-17	10YR5/8 yellowish brown sandy loam			T
	17-28	10YR6/6 brownish yellow sandy loam 20% gravel, till			T
	0-4	10YR3/3 dark brown silty loam with root mat			
	4-14	10YR5/8 yellowish brown sandy loam			
	14-28	10YR6/6 brownish yellow sandy loam 20% gravel, till			T
	0-12	10YR2/2 dark brown silty loam with root mat			T
	12-19	7.5YR4/4 brown fine silty sand			T
	19-30	10YR6/6 brownish yellow silty sand			T
	0-14	10YR3/3 dark brown silty loam with root mat			T
	14-24	7.5YR4/4 brown fine silty sand			T
	24-38	10YR6/6 brownish yellow silty sand			T
	0-2	10YR3/2 very dark grayish brown silty loam and root mat			T
	2-4	10YR5/2grayish brown sandy loam			Γ
	4-6	10YR4/4 dark yellowish brown sandy loam			T
	6-29	10YR5/8 yellowish brown sandy loam			Γ
	29-33	10YR6/6 brownish yellow sandy loam 20% gravel, till			Γ
	0-4	10YR3/3 dark brown silty loam with root mat			
	4-20	7.5YR4/4 brown fine silty sand 15% gravel			
	0-7	10YR3/3 dark brown silty loam with root mat			
	7-20	7.5YR4/4 brown fine silty sand 15% gravel			
1	0-12	10YR3/3 dark brown silty loam with root mat			
1	12-18	7.5YR4/4 brown fine silty sand			
1	18-31	10YR6/6 brownish yellow silty sand			
	0-2	10YR3/2 very dark grayish brown silty loam and root mat			
	2-4	10YR5/2grayish brown sandy loam			Γ
	4-6	10YR4/4 dark yellowish brown sandy loam			T
	6-59	10YR5/8 yellowish brown sandy loam			Γ
	29-33	10YR6/6 brownish yellow sandy loam 20% gravel, till			T
	0-2	10YR3/2 very dark grayish brown silty loam and root mat			T
	2-4	10YR5/2grayish brown sandy loam			T
	6-4	10YR4/4 dark yellowish brown sandy loam			T
	9-28	10YR5/8 yellowish brown sandy loam			T
	28-32	10YR6/6 brownish yellow sandy loam 20% gravel, till			T
	2		10-18 10YR3/3 dark brown 7-10 10YR3/3 dark brown 10-6 10YR3/3 dark brown 6-14 10YR5/8 yellowish b 14-29 10YR6/6 brownish you 0-9 10YR3/3 dark brown 11-28 10YR6/6 brownish you 0-9 10YR3/3 dark brown 11-28 10YR6/6 brownish you 0-12 10YR3/3 dark brown 11-28 10YR6/6 brownish you 0-14 10YR3/3 dark brown 11-28 10YR6/6 brownish you 0-14 10YR3/3 dark brown 11-29 10YR3/3 dark brown 11-24 10YR3/3 dark brown 11-29 10YR3/3 dark brown 11-29 10YR3/3 dark brown 11-20 10YR3/3 dark brown 11-218 10YR6/6 brownish you 0-2 10YR3/3 dark brown 11-18 10YR6/6 brownish you 0-2 10YR3/3 dark yellowish b 10-2 10YR3/3 cery dark gark gard 10YR3/3 dark yellowish b 10YR6/6 brownish you 0-2 10YR3/2 very dark gard 10YR6/6 brownish you 10YR3/2 dark yellowish b 10YR6/6 brownish you 10YR3/8 yellowish brown 10-2 10YR8/8 yellowish brown 10-2 1	0-7 7-10 10-18 18-28 0-6 6-14 14-29 0-9 9-17 17-28 0-4 4-14 4-14 14-28 0-12 12-19 19-30 0-14 14-24 2-4 4-10 0-14 14-24 12-19 19-30 0-14 14-24 12-19 19-30 0-14 14-24 14-26 0-12 12-19 19-30 0-14 14-26 0-12 12-19 19-30 0-14 4-6 6-29 2-4 4-9 2-4 4-9 4-9 4-9 4-9 4-9 4-9 4-9 4	0-7 7-10 10-18 18-28 0-6 6-14 14-29 0-9 9-17 17-28 0-4 4-14 4-14 14-28 0-12 12-19 19-30 0-14 14-24 2-4 4-10 0-14 14-24 12-19 19-30 0-14 14-24 12-19 19-30 0-14 14-24 14-26 0-12 12-19 19-30 0-14 14-26 0-12 12-19 19-30 0-14 4-6 6-29 2-4 4-9 2-4 4-9 4-9 4-9 4-9 4-9 4-9 4-9 4

64 3 1 674 674 6	Transect	STU	Radial	Level	Depth (cm)	Soil Description Cultural	Cultural Material	Comments
15-31 10YR6/6 brown fine 3 15-31 10YR6/6 brown fine 3 15-31 10YR6/6 brown fine 3 17-31 10YR6/6 brown fine 3 17-31 10YR6/6 brown fine 0-8 10YR3/3 dark brown fine 0-8 10YR3/4 brown fine 0-2 10YR3/3 dark brown fine 0-7 10YR3/3 dark brown fine 0-2 10YR3/2 very dark gr 0-2 10YR3/2 very dark gr 0-3 10YR3/2 very	64	3		-	0-7			
15-31 10YR6/6 brownish ye 1				2	7-15	7.5YR4/4 brown fine silty sand		
4 1 0-5 10/R3/3 dark brown 5 17-31 10/R6/6 brown fine 6 1 0-8 10/R3/3 dark brown 6 1 0-8 10/R3/3 dark brown 7 1 0-8 10/R3/3 dark brown 8 20 7/5/R4/4 brown fine 1 0-2 10/R3/2 very dark green 1 0-2 10/R5/2 grayish brown 2 2-5 10/R5/2 grayish brown 3 5-9 10/R5/8 yellowish brown 4 9-28 10/R5/8 yellowish brown 5 28-32 10/R5/8 yellowish brown 6 7/5/R4/4 brown fine 7 1 0-5 10/R5/8 yellowish brown 8 2 10/R5/8 yellowish brown 9 10/R5/8 yellowish brown 1 0-5 10/R5/8 yellowish brown 1 0-5 10/R5/8 dark brown 2 7/5/R4/4 brown fine 3 24-36 10/R5/8 yellowish brown 4 8-29 10/R5/8 yellowish brown 5 29-33 10/R5/8 yellowish brown 6 29-33 10/R5/8 yellowish brown 9 28-34 10/R5/8 yellowish brown 1 0-3 10/R5/8 yellowish brown 1 0-3 10/R5/8 yellowish brown 2 29-33 10/R5/8 yellowish brown 3 4-9 10/R5/8 yellowish brown 4 9-28 10/R5/8 yellowish brown 5 28-34 10/R5/8 yellowish brown 6 28-34 10/R5/8 yellowish brown 7-28 10/R5/8 yellowish brown 9-28 10/R5/8 yellowish brown 1 0-3 10/R5/8 yellowish brown 1 0-3 10/R5/8 yellowish brown 2 28-34 10/R5/8 yellowish brown 3 28-34 10/R5/8 yellowish brown 4 9-28 10/R5/8 yellowish brown 5 28-34 10/R5/8 yellowish brown 6 28-34 10/R5/8 yellowish brown 7-28 10/R5/8 yellowish brown 7-29 10/R5/8 yellowish brown 8 28-34 10/R5/8 yellowish brown 9 28-35 10/R5/8 yellowish brown				3	15-31	10YR6/6 brownish yellow silty sand		
5 - 1.7 7.5YR4/4 brown fine 3 17-31 10YR6/6 brownish ye 1 0-8 10YR3/3 dark brown fine 2 8-22 7.5YR4/4 brown fine 3 10YR3/3 dark brown fine 1 0-2 10YR3/2 very dark grown fine 2 2-5 10YR3/2 very dark grown fine 3 5-9 10YR3/2 very dark grown fine 4 9-29 10YR5/8 yellowish brown fine 5 29-33 10YR6/6 brownish ye 6 2.5 10YR5/8 yellowish brown fine 8 28-32 10YR5/8 grown fine 9 2.5 10YR5/8 grown fine 1 0-5 10YR3/3 dark brown fine 1 0-5 10YR3/3 dark brown fine 2 7.5YR4/4 brown fine 3 5-16 7.5YR4/4 brown fine 1 0-18 10YR5/3 dark brown fine 1 0-18 10YR5/3 dark brown fine 2 18-24 7.5YR4/4 brown fine 3 24-36 10YR5/3 garly brown fine 4 8-29 10YR5/3 garly shown fine 5 29-33 10YR6/6 brownish ye 6 29-33 10YR6/6 brownish ye 1 0-3 10YR5/8 yellowish brown fine 2 2-5 10YR5/8 garlowish brown fine 3 24-36 10YR5/8 garlowish brown fine 4 8-29 10YR5/8 garlowish brown fine 5 29-33 10YR6/6 brownish ye 6 28-34 10YR8/8 yellowish brown fine 7 28-34 10YR8/8 yellowish brownish ye 8 29-34 10YR8/8 yellowish brownish ye 9 28-34 10YR8/8 yellowish brownish ye 1 2-38 10YR8/8 yellowish brownish ye 1 2-38 10YR8/8 yellowish brownish ye 1 2-38 10YR8/8 yellowish brownish ye 2 28-34 10YR8/8 yellowish brownish ye 3 28-34 10YR8/8 yellowish brownish ye 4 9-28 10YR8/8 yellowish brownish ye 5 28-34 10YR8/8 yellowish brownish ye 6 28-34 10YR8/8 yellowish brownish yellowish br	64	4		1	0-5			
1				2	5-17			
5 1 0-8 10YR3/3 dark brown 6 1 0-8 10YR3/3 dark brown 1 0-8 10YR3/3 dark brown 2 8-20 7.5YR4/4 brown fine 3 2-5 10YR8/2 very dark gr 4 9-29 10YR8/2 very dark gr 5 29-33 10YR6/6 brownish ye 1 0-2 10YR5/2 yellowish brown 2 2-5 10YR5/2 grayish brown 3 5-9 10YR8/8 yellowish brown 4 9-28 10YR5/8 yellowish brown 5 29-33 10YR6/6 brownish ye 6 2-5 10YR8/8 yellowish brown 8 28-32 10YR8/8 yellowish brown 9 2-5 10YR8/8 yellowish brown 1 0-7 10YR3/3 dark brown 1 0-7 10YR3/3 dark brown 2 7.5YR4/4 brown fine 3 24-36 10YR8/3 dark brown 4 8-24 7.5YR4/4 dark yellowish brown 5 29-33 10YR6/6 brownish ye 1 0-3 10YR8/8 yellowish brown 1 0-3 10YR8/8 yellowish brown 2 2-5 10YR8/8 yellowish brown 3 24-36 10YR8/8 yellowish brown 4 9-28 10YR8/8 yellowish brown 5 28-34 10YR8/8 yellowish brown 6 28-34 10YR8/8 yellowish brown 7 28-34 10YR8/8 yellowish brown 8 28-34 10YR8/8 yellowish brown 9 28-34 10YR8/8 yellowish brown 1 0-2 10YR8/8 yellowish brown 1 0-2 10YR8/8 yellowish brown 2 28-34 10YR8/8 yellowish brown 3 28-34 10YR8/8 yellowish brown 4 9-28 10YR8/8 yellowish brown 5 28-34 10YR8/8 yellowish brown 6 28-34 10YR8/8 yellowish brown 7 28-34 10YR8/8 yellowish brown 8 28-35 10YR8/8 yellowish brown 9 28 28-34 10YR8/8 yellowish brow				3	17-31	10YR6/6 brownish yellow silty sand		
5 8-22 7.5YR4/4 brown fine 6 8-20 10YR3/3 dark brown fine 1 0-8 10YR3/3 dark brown fine 2 8-20 7.5YR4/4 brown fine 2 2-5 10YR5/2grayish brown 3 5-9 10YR5/8 yellowish brown 3 5-16 7.5YR4/4 brown fine 1 0-18 10YR3/3 dark brown 1 0-18 10YR3/3 dark brown 1 0-2 10YR3/2 very dark grown 1 0-2 10YR3/2 very dark grown 1 0-3 10YR5/8 yellowish brown 1 00YR5/8 yellow	64	2		-	8-0	10YR3/3 dark brown silty loam with root mat		
0-8 10YR3/3 dark brown fine 2 8-20 7.5YR4/4 brown fine 1 0-2 10YR5/2 tary dark grown 3 5-9 10YR4/4 dark yellows 4 9-29 10YR5/2 tary ish brown 5 29-33 10YR6/6 brownish ye 10 10 10 10 10 10 10 1				2	8-22	7.5YR4/4 brown fine silty sand 15% gravel		
7 8-20 7.5YR4/4 brown fine 1 0-2 10YR3/2 very dark gr 1 0-2 10YR3/2 very dark gr 10YR4/4 dark yellow 2 2-5 10YR5/8 yellowish brown 2 2-3 10YR6/6 brownish ye 2-5 10YR3/2 very dark gr 2 2-5 10YR3/2 very dark gr 2 2-5 10YR3/2 very dark gr 2 2-5 10YR8/4 dark yellowish brown 3 2-3 10YR6/6 brownish ye 3 2-3 10YR6/6 brown fine 3 2-4 10YR3/3 dark brown 2 7.5YR4/4 brown fine 1 0-7 10YR3/3 dark brown 1 0-18 10YR3/3 dark brown fine 3 24-36 10YR6/6 brownish ye 2 2-5 10YR5/2 grayish brown 3 5-8 10YR6/6 brownish ye 3 2-5 10YR5/2 yery dark gr 2 2-5 10YR5/2 yery dark gr 2 2-5 10YR5/2 yery dark gr 2 3-4 10YR5/2 yery dark gr 3 4-9 10YR6/6 brownish ye 3 4-9 10YR6/6 brownish ye 3 4-9 10YR6/6 brownish ye 3 28-34 3 3 3 3 3 3 3 3 3	64	9		1	8-0	10YR3/3 dark brown silty loam with root mat		
1 0-2 10YR3/2 very dark gr 2 -5 10YR5/2grayish brow 3 5-9 10YR4/4 dark yellow 4 9-29 10YR6/6 brownish ye 1 0-2 10YR5/2 grayish brow 2 2-5 10YR5/2 grayish brow 3 5-9 10YR6/6 brownish ye 4 9-28 10YR6/6 brownish brow 5 28-32 10YR6/6 brownish ye 1 0-5 10YR3/3 dark brown 2 18-24 7.5YR4/4 brown fine 3 5-16 7.5YR4/4 brown fine 1 0-18 10YR3/3 dark brown 2 18-24 7.5YR4/4 brown fine 3 24-36 10YR6/6 brownish ye 1 0-2 10YR3/3 dark brown 2 18-24 7.5YR4/4 brown fine 3 24-36 10YR6/6 brownish ye 4 8-29 10YR6/6 brownish brow 5 29-33 10YR6/6 brownish brow 7 3-4 10YR5/2 grayish brow 8 -29 10YR5/8 yellowish brow 9 -28 10YR6/6 brownish brown 1 0-3 10YR6/6 brownish brown 2 28-34 10YR6/6 brownish brownish ye 1 0-3 10YR6/6 brownish brownish ye 1 0 -3 10YR6/6 brownish ye 2 28-34 10YR6/6 brownish ye 3 28-34 10YR6/6 brownish ye 4 9-28 10YR6/6 brownish ye 5 28-34 10YR6/6 brownish ye 5 28-34 10YR6/6 brownish ye 6 28-34 10YR6/6 brownish ye 7 28-34 10YR6/6 brownish ye 8 28-34 10YR6/6 brownish ye 8 28-34 10YR6/6 brownish ye 9 28-35 9 28-36 10YR6				2	8-20	7.5YR4/4 brown fine silty sand 20% gravel		8.
2 2-5 3 5-9 4 9-29 5 29-33 1 0-2 2 2-5 3 5-9 4 9-28 3 5-9 4 9-28 4 9-28 4 9-28 4 9-28 1 0-7 2 7-25 1 0-18 4 1 0-18 2 18-24 3 24-36 1 0-2 1 0-2 2 18-24 3 24-36 4 8-29 5 29-33 5 29-33 7 4-9 7 4 9-28 7 4 9-28 7 4 9-28 7 7-25 7	64	7		-	0-2	10YR3/2 very dark grayish brown silty loam and root mat		
3 5-9 1 4 9-29 5 29-33 1 0-2 2 2-5 3 5-9 3 5-9 4 9-29 3 5-9 4 9-29 3 5-16 3 5-16 4 1 0-7 3 5-16 3 5-16 3 5-16 3 5-16 3 5-16 3 5-8 4 8-29 5 20-33 6 3 4-9 7 34-9 8 28-34 8 28-34				2	2-5	10YR5/2grayish brown sandy loam		
1 1 0-2 2 2-5 3 5-9 3 5-9 4 9-28 2 2-5 3 5-9 4 9-28 4 9-28 4 9-28 4 9-28 4 9-28 1 0-5 2 18-24 3 24-36 1 0-7 2 18-24 3 5-8 3 5-9 4 8-29 5 29-33 5 29-33 7 25 8 3 4-9 8 4-9 8 4 9-28 1 0-3 2 18-24 4 8-29 5 29-33 5 29-33 7 4-9 8 4 9-28 8 4-9 8 4 9-28 8 3 4-9 8 4 9-28 8 4-9 8 4 9-28 8 4-9 8 4 9-28 8 4-9 8 4 9-28 8 4-9 8 5 8-34				3	6-5	10YR4/4 dark yellowish brown sandy loam		
1 1 0-2 2 2-5 3 5-9 3 5-9 3 5-9 4 9-28 4 9-28 4 9-28 4 9-28 1 0-5 2 7-25 1 0-18 1 0-7 2 18-24 3 24-36 1 0-2 1 0-2 2 2-5 3 5-8 3 24-36 3 5-8 3 5-8 3 5-8 4 8-29 5 29-33 5 29-33 5 3-4-9 7 6-3 7 7-25 7				4	9-29	10YR5/8 yellowish brown sandy loam		
1 0-2 2 2-5 3 5-9 4 9-28 3 5-16 3 5-16 3 5-16 3 5-16 3 5-16 3 5-16 4 9-28 4 9-28 1 0-2 1 0-2 2 2-5 2 2-5 3 5-8 3 24-36 1 0-2 2 2-5 3 5-8 4 8-29 5 29-33 2 4-9 5 28-34 5 28-34				5	29-33	10YR6/6 brownish yellow sandy loam 20% gravel, till		
2 2-5 3 5-9 4 9-28 5 28-32 5 28-32 1 0-5 1 0-7 1 0-18 1 0-18 1 0-2 2 2-5 2 2-5 3 5-8 3 24-36 1 0-2 2 2-5 3 5-8 4 8-29 5 29-33 2 3-4 4 9-28 4 9-28 5 29-33 5 3-4 6 4 9-28 7 4-9 7 7-25 7 7-25 7 7-25 7 7-25 7 7-25 7 7-25 7 8-24 8 8-29 8 3 4-9 8 4 9-28 7 8-34 8 7-9 8 7-	65	_		-	0-2	10YR3/2 very dark grayish brown silty loam and root mat		
3 5-9 4 9-28 5 28-32 3 5-16 4 0-5 4 1 0-7 4 1 0-18 1 0-18 2 7-25 3 24-36 1 0-2 2 2-5 3 5-8 4 8-29 5 29-33 2 3-4 4 9-28 4 9-28 5 28-34 5 28-34				2	2-5	10YR5/2grayish brown sandy loam		
2 2 28-32 3 5-16 3 5-16 4 1 0-7 4 1 0-18 1 1 0-2 1 1 0-2 2 2-5 2 2-5 2 29-33 2 4-9 3 4-9 4 9-28 5 29-34 5 28-34				3	5-9	10YR4/4 dark yellowish brown sandy loam		
2 28-32 3 5-16 3 5-16 4 0-7 4 1 0-18 2 7-25 2 7-25 3 24-36 1 0-2 1 0-2 2 18-24 3 24-36 4 8-29 5 29-33 2 3-4 4 9-28 4 9-28 5 28-34				4	9-28	10YR5/8 yellowish brown sandy loam		
2 1 0-5 3 5-16 4 1 0-7 4 1 0-18 4 1 0-18 1 1 0-18 1 1 0-2 1 1 0-2 2 18-24 3 24-36 1 1 0-2 2 2-5 2 2-5 3 4-9 4 9-28 5 28-34				5	28-32	10YR6/6 brownish yellow sandy loam 20% gravel, till		
3 5-16 4 1 0-7 4 1 0-18 2 7-25 2 18-24 3 24-36 1 0-2 2 2-5 2 2-5 2 2-5 2 2-5 3 4-9 4 9-28 4 9-28 5 28-34	65	2		-	0-5	10YR3/3 dark brown silty loam with root mat		
3 1 0-7 4 1 0-18 2 7-25 2 18-24 3 24-36 1 0-2 2 2-5 3 5-8 4 8-29 5 29-33 2 3-4 4 9-28 5 28-34				3	5-16	7.5YR4/4 brown fine silty sand 15% gravel		
2 7-25 4 1 0-18 2 18-24 3 24-36 1 0-2 2 2-5 3 5-8 3 5-8 4 8-29 5 29-33 2 3-4 4 9-28 5 28-34	65	3		-	2-0	10YR3/3 dark brown silty loam with root mat		
1 0-18 2 18-24 3 24-36 1 0-2 2 2-5 3 5-8 3 5-8 4 8-29 5 29-33 2 3-4 4 9-28 5 28-34				2	7-25	7.5YR4/4 brown fine silty sand 15% gravel		
2 18-24 3 24-36 1 0-2 2 2-5 3 5-8 3 5-8 4 8-29 5 29-33 2 1 0-3 2 3-4 4 9-28 5 28-34	65	4		-	0-18	10YR3/3 dark brown silty loam with root mat		
1 1 0-2 2 2-5 3 5-8 3 5-8 4 8-29 5 29-33 2 1 0-3 2 3-4 3 4-9 5 28-34				2	18-24	7.5YR4/4 brown fine silty sand		
1 0-2 2 2-5 3 5-8 4 8-29 5 29-33 2 1 0-3 2 3-4 3 4-9 5 28-34				3	24-36	10YR6/6 brownish yellow silty sand		
2 2-5 3 5-8 4 8-29 5 29-33 2 1 0-3 2 3-4 4 9-28 5 28-34	99	_		-	0-5	10YR3/2 very dark grayish brown silty loam and root mat		
2 2 29-33 2 29-33 2 3-4 3 4-9 4 9-28 5 28-34				2	2-5	10YR5/2grayish brown sandy loam		
2 5 29-33 2 1 0-3 2 3-4 3 4-9 4 9-28 5 28-34				3	8-8	10YR4/4 dark yellowish brown sandy loam		
2 2 29-33 2 1 0-3 2 3-4 3 4-9 4 9-28 5 28-34				4	8-29	10YR5/8 yellowish brown sandy loam		
2 3-4 2 3-4 3 4-9 4 9-28 5 28-34				5	29-33	10YR6/6 brownish yellow sandy loam 20% gravel, till		
3-4 4-9 9-28 28-34	99	2		-	0-3	10YR3/2 very dark grayish brown silty loam and root mat		
4-9 9-28 28-34				2	3-4	10YR5/2grayish brown sandy loam		
9-28				3	4-9	10YR4/4 dark yellowish brown sandy loam		
28-34				4	9-28	10YR5/8 yellowish brown sandy loam		
			2	2	28-34	10YR6/6 brownish yellow sandy loam 20% gravel, till		

Transect	STU	Radial	Level	Depth	Soil Description	Cultural Material	Comments
99	3		-	0.2	10VD2/2 reary down money of house and and and		
3	,		, ,	2-0	10 I N. 2/2 very dark grayish brown shity foam and root mat		
			1 ,	4.7	101 K3/2grayIsh Drown Sandy loam		
			2	4-10	10YR4/4 dark yellowish brown sandy loam		
			4	10-30	10YR5/8 yellowish brown sandy loam		
			2	30-35	10YR6/6 brownish yellow sandy loam 20% gravel, till		
99	4		-	0-5	10YR3/3 dark brown silty loam with root mat		
			2	5-20	7.5YR4/4 brown fine silty sand 15% gravel		
99	5		1	0-12	10YR3/3 dark brown silty loam with root mat		
			2	12-24	7.5YR4/4 brown fine silty sand		
			3	24-36	10YR6/6 brownish yellow silty sand		
29	1		1	0-7	10YR3/3 dark brown silty loam with root mat		
			2	7-16	7.5YR4/4 brown fine silty sand		
			3	16-28	10YR6/6 brownish yellow silty sand		
29	2		1	0-10	10YR3/3 dark brown silty loam with root mat		
			2	10-28	7.5YR4/4 brown fine silty sand		
29	3		-	0-10	10YR3/3 dark brown silty loam with root mat		
			2	10-20	7.5YR4/4 brown fine silty sand		
29	4		1	0-2	10YR3/2 very dark grayish brown silty loam and root mat		
			2	2-5	10YR5/2grayish brown sandy loam		
			3	5-9	10YR4/4 dark yellowish brown sandy loam		
			4	9-56	10YR5/8 yellowish brown sandy loam		
			5	26-31	10YR6/6 brownish yellow sandy loam 20% gravel, till		
89	_		-	0-7	10YR3/3 dark brown silty loam with root mat		
			2	7-28	7.5YR4/4 brown fine silty sand		
89	2		1	0-4	10YR3/3 dark brown silt with root mat		
			2	4-6	10YR7/2 light gray silt		
			3	91-9	7.5YR4/4 dark yellowish brown sandy loam		
89	3		-	6-0	10YR3/3 dark brown silty loam with root mat		
			2	9-18	7.5YR4/4 brown fine silty sand		
			3	18-29	10YR6/6 brownish yellow silty sand		
89	4		-	0-5	10YR3/2 very dark grayish brown silty loam and root mat		
			2	2-4	10YR5/2grayish brown sandy loam		
			3	4-9	10YR4/4 dark yellowish brown sandy loam		
			4	9-56	10YR5/8 yellowish brown sandy loam		
			. 2	26-33	10YR6/6 brownish yellow sandy loam 20% gravel, till		
69	_		1	0-21	10YR3/3 dark brown silty loam with root mat		
			2	21-35	7.5YR4/4 brown fine silty sand		
69	2		-	0-17	10YR3/3 dark brown silty loam with root mat		
			2	17-24	7.5YR4/4 brown fine silty sand		
			3	24-32	10YR6/6 brownish yellow silty sand		

Transect	STU	Radial	Level	Depth (cm)	Soil Description	Cultural Material	Comments
69	3		1	0-2	10YR3/2 very dark gravish brown silty loam and root mat		
			2	2-4	10YR5/2grayish brown sandy loam		
			3	4-9	10YR4/4 dark yellowish brown sandy loam		
			4	9-27	10YR5/8 yellowish brown sandy loam		
			5	27-34	10YR6/6 brownish yellow sandy loam 20% gravel, till		Top of knoll near roadway
70	_		1	0-2	10YR3/2 very dark grayish brown silty loam and root mat		
			2	2-3	10YR5/2grayish brown sandy loam		7
			3	3-6	10YR4/4 dark yellowish brown sandy loam		
			4	6-28	10YR5/8 yellowish brown sandy loam		
			5	28-31	10YR6/6 brownish yellow sandy loam 20% gravel, till		
71	-		1	0-4	10YR3/3 dark brown silty loam with root mat		
			2	4-20	7.5YR4/4 brown fine silty sand		
71	2		1	0-7	10YR3/3 dark brown silty loam with root mat		
			2	7-27	7.5YR4/4 brown fine silty sand		
72	-		-	0-3	10YR3/3 dark brown silty loam with root mat		
			2	3-12	7.5YR4/4 brown fine silty sand		
			3	12-40	10YR6/6 brownish yellow silty sand		
72	2		1	0-7	10YR3/3 dark brown silty loam with root mat		
			2	7-21	7.5YR4/4 brown fine silty sand		Rock impasse
73	3		1	0-3	10YR3/2 very dark grayish brown silty loam and root mat		down slope
			2	3-4	10YR5/2grayish brown sandy loam		
ř			3	4-9	10YR4/4 dark yellowish brown sandy loam		
			4	9-28	10YR5/8 yellowish brown sandy loam		
			4	28-32	10YR6/6 brownish yellow sandy loam 20% gravel, till		
73	_		-	0-2	10YR3/2 very dark grayish brown silty loam and root mat		
			2	2-5	10YR5/2grayish brown sandy loam		
			3	5-8	10YR4/4 dark yellowish brown sandy loam		
			4	8-29	10YR5/8 yellowish brown sandy loam		
			5	29-31	10YR6/6 brownish yellow sandy loam 20% gravel, till		
73	2		-	0-10	Disturbed salt and pepper coarse sand		gravel access rd
74	_		1	0-4	10YR3/3 dark brown silt loam with root mat		
			2	4-9	10YR7/2 light gray silt		
			3	9-40	7.5 YR brown sandy silt with 30% gravel, till		
74	2		-	0-4	10YR3/3 dark brown silt loam with root mat		
			2	4-16	7.5 YR brown sandy silt with 30% gravel, till		
74	3		-	0-5	10YR3/3 dark brown silt loam with root mat		
			2	5-29	7.5 YR brown sandy silt with 30% gravel, till		
				S004.001	Surface	Rhyolite core	Very weathered
				S004.002	Surface	Rhyolite flake fragment	Very weathered
				9			

Transect	STU	Radial	Level	Depth (cm)	Soil Description	Cultural Material	Comments
75	_		1	0-7	10YR3/3 dark brown silty loam		Onen slope blueberry field
			2	7-24	10YR5/8 yellowish brown sandy silt		non function adole made
			3	24-30	10YR6/6 brownish yellow sandy loam 20% gravel		
75	2		1	0-11	10YR3/3 dark brown silty loam		
	*		2	11-28	10YR5/8 yellowish brown sandy silt		
			3	28-31	10YR6/6 brownish yellow sandy loam 20% gravel		
75	3		1	8-0	10YR3/3 dark brown silty loam		
	V		2	8-21	10YR5/8 yellowish brown sandy silt		
			3	21-28	10YR6/6 brownish yellow sandy loam 20% gravel		
75	4		1	0-12	10YR3/3 dark brown silty loam		
			2	12-24	10YR5/8 yellowish brown sandy silt		
			3	24-30	10YR6/6 brownish yellow sandy loam 20% gravel		
92	1		1	0-2	10YR3/2 very dark grayish brown silty loam and root mat		
			2	2-4	10YR5/2grayish brown sandy loam		
			3	4-7	10YR4/4 dark yellowish brown sandy loam		
			4	7-28	10YR5/8 yellowish brown sandy loam		
			5	28-30	10YR6/6 brownish yellow sandy loam 20% gravel, till		
92	2		-	0-2	10YR3/2 very dark grayish brown silty loam and root mat		
			2	2-3	10YR5/2grayish brown sandy loam		
	ď		3	3-7	10YR4/4 dark yellowish brown sandy loam		
			4	7-25	10YR5/8 yellowish brown sandy loam		
			5	25-29	10YR7/1light gray silty loam		
92	3		-	0-2	10YR3/2 very dark grayish brown silty loam and root mat		
	15		2	2-5	10YR5/2grayish brown sandy loam		
	A		3	5-8	10YR4/4 dark yellowish brown sandy loam		
			4	8-29	10YR5/8 yellowish brown sandy loam		
			5	29-35	10YR6/6 brownish yellow sandy loam 20% gravel, till		-10
77	1		-	0-4	10YR3/3 dark brown silt loam with root mat		
			2	4-20	7.5 YR brown sandy silt with 30% gravel, till		

Transect	SIC	Radial	Level	Depth	Soil Description	Cultural Material	Comments
	_		-	9-0	10YR3/3 dark brown silty loam with root mat		In woods
			2	6-11	10YR7/2 light gray silt		
			3	11-36	10YR5/4 yellowish brown silty sand		
			4	36-46	10YR5/6 yellowish coarse sand 10% gravel, till		
	7		1	9-0	10YR3/4 dark yellowish brown fine silty sand		
			2	6-10	10YR7/2 light gray silt		
			3	10-15	10YR5/8 yellowish brown silty sand		
			4	15-27	10YR6/6 brownish yellow silty sand		
			5	27-48	10YR5/6 yellowish brown coarse sand		
	3		1	9-0	10YR3/4 dark yellowish brown fine silty sand		
			2	6-9	10YR7/2 light gray silt		
			3	9-12	10YR5/8 yellowish brown silty sand		
			4	12-61	10YR5/4 yellowish brown fine silt sand		
	4		1	8-0	10YR3/3 dark brown silty loam and root mat		
			2	8-14	10YR7/2 light gray silt		
			3	14-39	10YR5/4 yellowish brown silty sand 10% gravel, till		
			4	39-49	10YR5/6 yellowish brown coarse sand		
	2		1	0-7	10YR3/3 dark brown silty loam and root mat		
			2	7-15	10YR7/2 light gray silt		
			3	15-25	10YR5/4 yellowish brown silty sand 10% gravel, till		
	9		1	0-4	10YR3/4 dark yellowish brown fine silty sand		
			2	4-7	10YR7/2 light gray silt		
			3	7-14	10YR5/8 yellowish brown silty sand		
			4	14-58	10YR5/4 yellowish brown fine silt sand		
	7		1	0-4	10YR3/4 dark yellowish brown fine silty sand		
			2	4-8	10YR7/2 light gray silt		
			3	8-12	10YR5/8 yellowish brown silty sand		
			4	12-38	10YR5/4 yellowish brown fine silt sand		
2	_		1	0-4	10YR2/2 black silty loam		spoom uI
			2	4-6	10YR5/2 grayish brown sand		
			3	6-20	10YR4/6 dark yellowish brown sand		
			4	20-56	10YR7/4 very pale brown sand		
			5	26-70	10YR6/4 light yellowish brown compact sand		
			9	70-72	10YR5/4 yellowish brown sand with gravel		
2	7		1	0-5	10YR2/2 black silty loam		
			2	5-9	10YR5/2 grayish brown sand		
			3	9-22	10YR4/6 dark yellowish brown sand		
			4	22-59	10YR7/4 very pale brown sand		
			5	59-65	10YR6/4 light yellowish brown compact sand		
			9	65-70	10YR5/4 vellowish brown sand with gravel		

Transect	STU	Radial	Level	Depth	Soil Description	Cultural Material	Comments
2	3		1	0-4	10YR2/2 black silty loam		
			2	4-10	10YR5/2 grayish brown sand		
			3	10-23	10YR4/6 dark yellowish brown sand		
			4	23-35	10YR7/4 very pale brown sand		
2	4		1	0-5	10YR2/2 black silty loam		
			2	6-5	10YR5/2 grayish brown sand		
			3	9-22	10YR4/6 dark yellowish brown sand		
		1	4	22-49	10YR7/4 very pale brown sand		
			5	49-62	10YR6/4 light yellowish brown compact sand		
			9	62-70	10YR5/4 yellowish brown sand 20% gravel		
2	5		_	9-0	10YR2/2 black silty loam		
			2	6-12	10YR5/2 grayish brown sand		
			3	12-29	10YR4/6 dark yellowish brown sand		
			4	29-36	10YR7/4 very pale brown sand		
			5	36-60	10YR6/4 light yellowish brown compact sand		
			9	60-64	10YR5/4 yellowish brown sand 20% gravel		
3	-		1	0-10	10YR3/3 dark brown silty loam with root mat		Edge of ridge
			2	10-39	10YR5/4 yellowish brown silt sand		
		,	3	39-49	10YR5/6 yellowish brown coarse sand		
3	2		1	0-10	10YR3/3 dark brown loam with root mat		
			2	10-38	10YR5/4 yellowish brown silt sand		
			3	38-48	10YR5/6 yellowish brown coarse sand		
3	3		-	0-10	10YR3/3 dark brown silty loam with root mat		
			2	10-14	10YR7/2 light gray silt		
			3	14-28	10YR5/4 yellowish brown silty sand		
			4	28-38	10YR5/6 yellowish brown coarse sand		
4	_		1	8-0	10YR3/3 dark brown silty loam with root mat		Edge of ridge
			2	8-12	10YR7/2 light gray silt		
			3	12-31	10YR5/4 yellowish brown silty sand		
			4	31-42	10YR5/6 yellowish brown coarse sand		
4	2		-	8-0	10YR3/3 dark brown silty loam with root mat		
			2	8-12	10YR7/2 light gray silt		
			3	12-31	10YR5/4 yellowish brown silty sand		
			4	31-42	10YR5/6 yellowish brown coarse sand		
4	3		1	0-5	10YR2/2 black silty loam		
			2	5-12	10YR5/2 grayish brown sand		
			3	12-28	10YR4/6 dark yellowish brown sand		
			4	28-40	10YR7/4 very pale brown sand		
			5	40-49	10YR6/4 light yellowish brown compact sand		
			9	49-56	10YR5/4 yellowish brown sand 20% gravel		

Transect	STO	Kadial	Level	Depth		Cultural Material	Comments
4	4		_	0-5	10YR2/2 black silty loam		
			2	5-12	10YR5/2 grayish brown sand		
			3	12-31	10YR4/6 dark yellowish brown sand		
			4	31-42	10YR7/4 very pale brown sand		
			2	42-49	10YR6/4 light yellowish brown compact sand		
			9	49-54	10YR5/4 yellowish brown sand 20% gravel		
	_		1	0-7	10YR2/2 black silty loam		Center ridge
^			2	7-14	10YR5/2 grayish brown sand		0
			3	14-29	10YR4/6 dark yellowish brown sand		
			4	29-38	10YR7/4 very pale brown sand		
			5	38-42	10YR6/4 light yellowish brown compact sand		
			9	42-51	10YR5/4 yellowish brown sand 20% gravel		
	2		1	8-0	10YR2/2 black silty loam		
			2	8-16	10YR5/2 grayish brown sand		
			3	16-35	10YR4/6 dark yellowish brown sand		
			4	35-43	10YR7/4 very pale brown sand		
			5	43-60	10YR6/4 light yellowish brown compact sand		
	3		1	0-5	10YR2/2 black silty loam		
			2	5-10	10YR5/2 grayish brown sand		
12			3	10-29	10YR4/6 dark yellowish brown sand		
			4	29-46	10YR7/4 very pale brown sand		
			2	46-54	10YR6/4 light yellowish brown compact sand		
			9	55-61	10YR5/4 yellowish brown sand 20% gravel		
	1		-	0-4	10YR3/2 very dark grayish brown silty loam		Center ridge
			2	4-9	10YR5/1 gray sandy clay		
			3	9-24	10YR4/6 dark yellowish brown sand		
			4	24-36	10YR7/4 very pale brown sand		
			5	36-49	10YR6/4 brownish yellow sand		
			9	49-61	10YR5/4 yellowish brown sand with gravel		
	1		-	9-0	10YR3/3 dark brown silty loam with root mat		east of road
			2	6-20	10YR5/8 yellowish brown sandy silt		
			3	20-30	2.5Y7/6 yellow silty sand 20% gravel		
1	2		1	0-2	10YR3/2 very dark grayish brown silty loam		
			2	2-4	10YR5/2 grayish brown silt (albic)		
			3	4-10	7.5YR5/6 Strong brown sand		
			4	10-31	10YR6/6 brownish yellow sand		
			5	31-40	10YR6/4 light yellowish brown sand		
	2		1	0-3	10YR3/4 dark yellowish brown silty loam		
			2	3-7	10YR7/2 light gray silt		
			3	7-34	10YR5/8 yellowish brown silty sand		
			4	34-42	10VR6/6 brownish vellow coarse sand		

Transect	SIC	Kadial	Level	Depth	Soil Description	Cultural Material	Comments
7	3	North	1	0-4	10YR3/4 dark yellowish brown silty loam		
			2	4-24	10YR5/8 yellowish brown silty sand		
			3	24-28	10YR7/2 light gray silt		
			4	28-33	10YR 6/6 brownish yellow coarse sand		
7	3	East	1	9-0	10YR3/4 dark yellowish brown silty loam		
			2	6-12	10YR5/8 yellowish brown silty sand		
			3	12-40	10YR7/2 light gray silt		
			4	40-43	10YR 6/6 brownish yellow coarse sand		
7	4	36	-	0-10	10YR3/3 dark brown silty loam with root mat	2 weathered rhyolite	77.9 ME
		-	2	10-28	10YR5/8 vellowish brown sand	IIakes	
			3	28-40	10YR6/4 light vellowish brown sand & oravel		
7	4	North	-	0-7	10YR3/3 dark brown silt loam with root mat		
			2	7-13	10YR6/6 brownish yellow silt with fine sand		
			3	13-29	10YR5/6 yellowish brown loess		
			4	29-35	10YR6/4 light yellowish brown fine silt sand		
7	4	East	1	2-0	10YR3/3 dark brown silty loam with root mat	1 fcr	77.9 ME
			2	7-27	10YR5/8 yellowish brown sandy silt		
			3	27-38	2.5Y 7/6 yellow sandy silt 30% gravel, till		
7	4	South-	1	8-0	10YR2/2 black silty loam		
		east	2	8-31	10YR5/8 yellowish brown sand	1 basalt flake	77.9 ME
			3	31-47	7.5YR6/8 reddish yellow coarse sand		
			4	47-57	10YR8/3 very pale brown sand and gravel		
	4	West	-	9-0	10YR3/3 dark brown silty loam with root mat		
			2	91-9	10YR5/8 yellowish brown sandy silt		
			3	16-26	2.5Y 7/6 yellow sandy silt 30% gravel, till		
7	2		-	0-7	10YR3/3 dark brown silty loam with root mat		
			2	7-22	10YR5/8 yellowish brown sandy silt		
			3	22-32	2.5Y 7/6 yellow sandy silt 30% gravel, till		
∞	-		1	0-4	10YR3/4 dark yellowish brown fine silty sand		Edge of ridge
			2	9-4	10YR7/2 light gray silt		
			3	6-10	10YR5/8 yellowish brown silty sand		
			4	10-45	10YR5/4 yellowish brown fine silt sand		
8	2		_	9-0	10YR3/4 dark yellowish brown fine silty sand		
			2	6-12	10YR7/2 light gray silt		
			3	12-18	10YR5/8 yellowish brown silty sand		
			4	18-43	10YR5/4 yellowish brown fine silt sand		
6	-		1	9-0	10YR3/4 dark yellowish brown fine silty sand		ridge edge
			2	6-14	10YR7/2 light gray silt		0
			3	14-19	10YR5/8 yellowish brown silty sand		
			,	1000			

I ransect	210	Kadial	Level	Depth	Soil Description Cul	Cultural Material	Comments
6	2		1	0-17	10YR4/4 dark yellowish brown silty sand		
			2	17-38	10YR5/8 yellowish brown coarse sand		
6	3		1	0-12	10YR3/3 dark brown silty loam and root mat		
			2	12-18	10YR7/2 light gray silt		
			3	18-26	10YR3/4 dark yellowish brown silty sand		
			4	26-30	10YR5/6 yellowish brown coarse sand 10% gravel		
6	4		1	0-4	10YR3/4 dark yellowish brown fine silty sand		
			2	4-10	10YR7/2 light gray silt		
			3	10-28	10YR5/8 yellowish brown silty sand		
			4	28-35	10YR6/6 brownish yellow sand		
6	5		1	0-5	10YR3/4 dark yellowish brown fine silty sand		
			2	5-8	10YR7/2 light gray silt		
			3	5-14	10YR5/8 yellowish brown silty sand		
			4	14-38	10YR6/6 brownish yellow sand		
10	1		1	0-30	10YR5/4 yellowish brown silty sand		mid ridge
			2	30-48	10YR5/8 yellowish brown coarse sand		
10	2		1	0-5	10YR3/4 dark yellowish brown fine silty sand		
			2	5-10	10YR7/2 light gray silt		
			3	10-35	10YR5/8 yellowish brown silty sand		
			4	35-45	10YR6/6 brownish yellow sand		
10	3		-	0-5	10YR3/4 dark yellowish brown fine silty sand		
			2	5-20	10YR5/8 yellowish brown silty sand		
			3	20-31	10YR6/6 brownish yellow sand		
11	-		-	0-34	10YR5/4 yellowish brown silty sand		mid ridge
			2	34-58	10YR5/8 yellowish brown coarse sand		
11	2		-	0-7	10YR3/4 dark yellowish brown fine silty sand		
			2	7-10	10YR7/2 light gray silt		
			3	10-14	10YR5/8 yellowish brown silty sand		
			4	14-28	10YR6/6 brownish yellow sand		
=	3		-	0-4	10YR3/2 dark grayish brown silty sand		
			2	4-10	10YR5/4 yellowish brown sand		
			3	10-38	10YR5/8 yellowish brown coarse sand		
12	-		-	0-10	10YR3/2 dark grayish brown silty sand		mid ridge
			2	10-23	10YR5/4 yellowish brown sand		
			3	23-40	10YR5/8 yellowish brown coarse sand		
12	2		-	0-10	10YR2/2 black silty loam		
			2	10-21	10YR5/2 grayish brown sand		
			3	21-39	10YR4/6 dark yellowish brown sand		
			4	39-49	10YR7/4 very pale brown sand		
			5	49-61	10YR6/4 light yellowish brown compact sand		

Hansect	210	Naulai	revel	Depui		Cultural Material	Comments
12	3		_	0-14			disturbed
			2	14-35	10YR6/6 brownish yellow silty sand		
13	_		1	6-0	10YR2/2 black silty loam		north edge of
			2	9-16	10YR5/2 grayish brown sand		bioport)
			3	16-40	10YR4/6 dark yellowish brown sand		
			4	40-56	10YR7/4 very pale brown sand		
			5	56-62	10YR6/4 light yellowish brown compact sand		
13	2		1	0-10	10YR3/3 dark brown silty loam		
			2	10-24	10YR3/4 dark yellowish brown silty sand		
			3	24-34	10YR5/8 yellowish brown coarse sand		
13	3		1	9-0	10YR3/4 dark yellowish brown fine silty sand		
			2	6-10	10YR5/8 yellowish brown silty sand		
			3	10-48	10YR6/6 brownish yellow sand		
13	4		1	0-10	10YR3/3 dark brown silty loam and root mat		
			2	10-25	2.5Y7/4 pale yellow silty sand		
			3	25-35	10YR5/8 yellowish brown coarse sand 20% gravel		
14	_		1	0-10	10YR3/2 very dark grayish brown silty loam	1	north edge of
			,	10.13	, iii waxay		property
			7	CI-01	10 f R3/2 grayish brown sand		
			3	13-23	10YR4/6 dark yellowish brown sand	A TOP TO SERVICE AND A SERVICE	
			4	23-33	10YR7/4 very pale brown sand	4	
			2	33-40	10YR6/4 light yellowish brown compact sand		
14	7		_	9-0	10YR3/4 dark yellowish brown fine silty sand		
			2	6-24	10YR5/8 yellowish brown silty sand		
			3	24-38	10YR6/6 brownish yellow sand		
14	3	. 4	-	0-7	10YR3/4 dark yellowish brown fine silty sand		
			2	7-15	10YR5/8 yellowish brown silty sand		
			3	15-35	10YR6/6 brownish yellow sand		
14	4		1	9-0	10YR3/2 very dark grayish brown silty loam		
			2	6-11	10YR5/2 grayish brown sand		
			3	11-20	10YR4/6 dark yellowish brown sand		
			4	20-30	10YR7/4 very pale brown sand		
			5	30-34	10YR6/4 light yellowish brown compact sand		
14	2		-	9-0	10YR3/4 dark yellowish brown fine silty sand		
			2	6-14	10YR5/8 yellowish brown silty sand		
			3	14-38	10YR6/6 brownish yellow sand		

9				Cultul al Material	
	-	0-4	h brown fine silty sand		
	2	4-10	10YR7/2 light gray silt		
	3	10-21	10YR5/8 yellowish brown silty sand		
	4	21-32	10YR6/6 brownish yellow sand		
15 1	_	0-10	10YR3/2 very dark grayish brown silty loam		cut bank rear of station
	2	10-26	10YR5/2 gravish brown sand		Sillinino
15 1	3	26-40	10YR4/6 dark yellowish brown sand		
	4	40-56	10YR7/4 very pale brown sand		
15 2	1	0-10	10YR3/3 dark brown silt loam with root mat		
	2	10-25	2.5Y7/4 yellow sandy silt		
	3	25-35	10YR5/8 yellowish brown coarse sand		
15 3	1	0-7	10YR3/3 dark brown silty loam with root mat		
	2	7-10	10YR5/8 yellowish brown silty sand		
	3	10-35	10YR6/6 brownish yellow sand		
16 1	1	0-55	2.5Y4/3olive brown fine silt sand no t	no top soil	Cranberry
16 2	1	0-52	10YR4/6 dark yellowish brown peat with silty sand org	organics	0
3	1	0-37			
	-	09-0	10YR3/2 dark grayish brown silty loam		
	2	9-09	10YR6/6 brownish yellow coarse sand		
16 5	-	0-55	10YR3/2 dark grayish brown silty loam		
	2	55-61	10YR6/6 brownish yellow coarse sand		
17 1	-	0-45	10YR6/6 brownish yellow coarse sand and cobbles		Cranberry
18 1	1	0-30	10YR6/6 brownish yellow coarse sand		Cranberry
18 2	1	0-41	10YR4/6 dark yellowish brown peat, coarse sand		>
	-	0-55	10YR3/2 very dark brown silty loam		
	2	25-60	10YR6/6 brownish yellow coarse sand		
18 4	1	0-23	10YR4/4 dark yellowish brown fine silt sand		
	2	23-33	10YR5/6 yellowish brown fine sand		
19	1	0-4	10YR4/1 dark gray silty loam		Cranberry
	2	4-16	10YR4/6 dark yellowish brown sand		
	3	16-31	10YR7/6 yellow sand		
	4	31-42	10YR6/6 brownish yellow coarse sand		
19 2	1	0-29	10YR7/6 yellow sand with fine silt		
	2	29-10	10YR6/6 brownish yellow coarse sand		

Transect	210	Naulai		madag	Sour Describuon	Cultural Material	Comments
	3		-	9-0	10YR3/4 dark yellowish brown fine silt sand		
-			2	6-24	10YR5/8 yellowish brown silty sand		
+			3	24-30	10YR6/6 brownish yellow coarse sand		
	4		-	0-4	10YR3/4 dark yellowish brown fine silt sand		
			2	4-24	10YR5/8 yellowish brown silty sand		
-			3	24-30	10YR6/6 brownish yellow coarse sand		
	_		-	0-40	10YR4/4 dark yellowish brown sand 90% gravel		Cranberry bog terrace
			2	40-45	10YR3/ dark grayish brown silty loam		
	1		1	0-20	10YR4/4 dark yellowish brown sand 90% gravel		
1			2	20-21	10YR3/ dark grayish brown silty loam		
	_		-	0-41	10YR4/4 dark yellowish brown fill		
			2	41-52	10YR4/6 dark yellowish brown peat		
	2		1	0-40	10YR4/6 dark yellowish brown peat		
,	3		_	0-32	10YR4/4 dark yellowish brown coarse sandy fill		
			2	32-40	10YR4/6 dark yellowish brown peat		
	_	9	1	0-10	10YR3/2 dark grayish brown silty loam and root mat		Cranberry
			2	10-23	2.5Y5/6 light olive brown coarse sand 10% gravel		
	2		1	0-21	7.5YR6/4 reddish yellow medium silty sand		
			2	21-38	10YR5/6 yellowish brown medium sand		
_	3		-	0-10	10YR3/2 dark grayish brown silty loam and root mat		
1			2	10-38	2.5Y5/6 light olive brown coarse sand 10% gravel		
	4		-	0-18	7.5YR6/4 reddish yellow medium silty sand		
1			2	18-36	10YR5/6 yellowish brown medium sand		
	5		1	0-10	10YR3/2 dark grayish brown silty loam and root mat		
			2	10-30	10YR5/6 yellowish brown silty sand		
1			3	30-40	10YYR6/6 brownish yellow coarse sand		
_	9		1	9-0	10YR3/2 dark grayish brown silty sand		
			2	6-21	10YR6/4 light yellowish brown silty sand		
			3	21-38	10YR5/4 yellowish brown fine silt sand		
	9	North	-	0-4	10YR3/2 dark grayish brown silty loam and root mat	rhyolite pebble, possibly worked	77.8 ME
			2	4-10	10YR7/2 light gray silt		
_	3		3	10-30	10YR6/6 brownish yellow coarse sand		
			4	30-39	10YR5/8 yellowish brown silty sand		
-							
_							

23 6 East 1 0-6 2 6-9 2 6-9 2 3 9-23 2 40-43 2 3 9-23 2 40-43 2 6 South 1 0-6 2 6-9 2 3 749 2 3 7-49 2 3 7-49 2 3 7-49 2 3 7-49 2 3 13-43 2 3 13-43 2 3 19-39 2 3 10 1 0-19 2 10-19 2 10-19 2 10-19 2 10-19 2 10-19 2 10-19 2 10-35 2 11 0-19 2 10-35 2 12 12 0-10 2 11-29 2 11-29 2 11-29	10YR3/2 very dark brown silty loam 10YR5/2 grayish brown sand 10YR5/8 brown sand 10YR5/8 yellowish brown sand and gravel 10YR5/8 yellowish brown sand and gravel 10YR5/8 yellowish brown sand 10%gravel 10YR5/8 light olive brown sand 10%gravel 10YR5/6 light olive brown sand 10%gravel 10YR5/3 dark grayish brown silty sand 10YR5/3 dark grayish brown silty sand 10YR6/4 yellowish brown silty sand 10YR5/3 dark brown silty loam and root mat	
6 South 1 5 6 8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	10YR5/2 grayish brown sand 10YR5/3 brown sand 10YR5/8 yellowish brown sand and gravel 10YR5/2 grayish brown sand and gravel 10YR5/2 grayish brown sand 10YR5/2 grayish brown sand 10YR5/3 brown sand 10YR5/3 brown sand 10YR5/8 yellowish brown sand 10YR5/8 yellowish brown sand 10YR5/8 yellowish brown sand 10YR5/8 yellowish brown sand and gravel 10YR3/3 dark brown silty loam and root mat 2.5Y5/6 light olive brown sand 10%gravel 10YR5/8 light gray silt 2.5Y5/6 light olive brown sand 10%gravel 10YR5/3 dark brown silty sand 10YR5/3 dark grayish brown silty sand 10YR6/4 yellowish brown silty sand 10YR5/3 dark grayish brown silty sand 10YR5/3 dark brown silty loam and root mat	
6 South 1 5 6 8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	10YR5/3 brown sand 10YR5/6 yellowish brown sand and gravel 10YR5/2 yellowish brown sand and gravel 10YR5/2 grayish brown silty loam 10YR5/2 grayish brown sand 10YR5/3 brown sand 10YR5/3 brown sand 10YR5/8 yellowish brown sand and gravel 10YR5/8 yellowish brown sand 10YR5/8 yellowish brown sand 10YR3/3 dark brown silty loam and root mat 2.5Y5/6 light olive brown sand and gravel 10YR5/8 yellowish brown sand 10%gravel 10YR5/6 light olive brown sand 10%gravel 10YR5/6 light olive brown sand 10%gravel 10YR6/4 brownish yellow coarse sand 10YR6/4 yellowish brown silty sand 10YR5/3 dark grayish brown silty sand 10YR5/3 dark grayish brown silty sand 10YR5/3 dark brown silty loam and root mat	
6 South 1 5 6 8 4 4 4 8 8 1 1 8 8 1 1 8 9 1 1 1 1 1 1 1 1 1 1	10YR5/6 yellowish brown sand 10YR5/8 yellowish brown sand and gravel 10YR5/2 grayish brown sand 10YR5/2 grayish brown sand 10YR5/3 brown sand 10YR5/3 brown sand 10YR5/6 yellowish brown sand 10YR5/6 yellowish brown sand and gravel 10YR5/8 yellowish brown sand 10YR5/8 yellowish brown sand 10YR5/8 yellowish brown sand 10YR5/8 yellowish brown sand and gravel 10YR5/8 yellowish brown sand 10%gravel 10YR5/6 light olive brown sand 10%gravel 10YR5/6 light olive brown sand 10%gravel 10YR6/6 brownish yellow coarse sand 10YR6/4 light yellowish brown silty sand 10YR5/4 yellowish brown silt sand 10YR5/4 yellowish brown silt sand	
6 South 1 2 3 4 4 4 8 8 1 1 8 8 1 1 8 9 1 1 1 1 1 1 1 1 1 1	10YR5/8 yellowish brown sand and gravel 10YR3/2 very dark brown silty loam 10YR5/2 grayish brown sand 10YR5/3 brown sand 10YR5/6 yellowish brown sand 10YR5/8 yellowish brown sand and gravel 10YR3/3 dark brown silty loam and root mat 2.5Y5/6 light olive brown sand and gravel 10YR3/3 dark brown silty loam and root mat 10YR3/2 dark brown silty loam and root mat 10YR3/2 dark brown silty loam and root mat 10YR3/2 dark grayish brown silty sand 10YR6/6 brownish yellow coarse sand 10YR6/4 light yellowish brown silty sand 10YR6/4 yellowish brown fine silt sand 10YR5/4 yellowish brown fine silt sand	
6 South 1 2 3 4 4 5 6 West 1 2 3 3 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10YR3/2 very dark brown silty loam 10YR5/2 grayish brown sand 10YR5/3 brown sand 10YR5/8 yellowish brown sand and gravel 10YR5/8 yellowish brown sand and gravel 10YR3/3 dark brown silty loam and root mat 2.5Y5/6 light olive brown sand and gravel 10YR3/3 dark brown silty loam and root mat 10YR3/2 dark brown silty loam and root mat 10YR3/2 dark brown silty loam and root mat 10YR6/6 brownish yellow coarse sand 10YR6/4 light yellowish brown silty sand 10YR6/4 yellowish brown fine silt sand 10YR5/4 yellowish brown fine silt sand	
6 West 1	10YR5/2 grayish brown sand 10YR5/3 brown sand 10YR5/8 yellowish brown sand and gravel 10YR3/3 dark brown silty loam and root mat 2.5Y5/6 light olive brown sand and gravel 10YR3/3 dark brown silty loam and root mat 10YR3/3 dark brown silty loam and root mat 10YR3/2 light gray silt 2.5Y5/6 light olive brown sand 10%gravel 10YR6/6 brownish yellow coarse sand 10YR6/4 light yellowish brown silty sand 10YR6/4 yellowish brown fine silt sand 10YR5/4 yellowish brown fine silt sand	
6 West 1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	10YR5/3 brown sand 10YR5/6 yellowish brown sand 10YR5/8 yellowish brown sand and gravel 10YR3/3 dark brown silty loam and root mat 2.5Y5/6 light olive brown sand and gravel 10YR3/3 dark brown silty loam and root mat 10YR3/2 dark brown silty loam and root mat 10YR7/2 light gray silt 2.5Y5/6 light olive brown sand 10%gravel 10YR6/6 brownish yellow coarse sand 10YR6/4 light yellowish brown silty sand 10YR6/4 yellowish brown fine silt sand 10YR5/4 yellowish brown fine silt sand	
6 West 1 5 5 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10YR5/6 yellowish brown sand 10YR5/8 yellowish brown sand and gravel 10YR3/3 dark brown silty loam and root mat 2.5Y5/6 light olive brown sand and gravel 10YR5/8 yellowish brown sand and gravel 10YR3/3 dark brown silty loam and root mat 10YR7/2 light gray silt 2.5Y5/6 light olive brown sand 10%gravel 10YR6/6 brownish yellow coarse sand 10YR6/4 light yellowish brown silty sand 10YR5/4 yellowish brown fine silt sand 10YR5/3 dark brown fine silt sand	
6 West 1 2 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	10YR5/8 yellowish brown sand and gravel 10YR3/3 dark brown silty loam and root mat 2.5Y5/6 light olive brown sand 10YR5/8 yellowish brown sand and gravel 10YR3/3 dark brown silty loam and root mat 10YR7/2 light gray silt 2.5Y5/6 light olive brown sand 10%gravel 10YR6/6 brownish yellow coarse sand 10YR6/4 light yellowish brown silty sand 10YR5/4 yellowish brown fine silt sand 10YR5/4 yellowish brown fine silt sand	
6 West 1 7 1 8 2 3 3 9 1 10 2 11 1 11 1 11 1 12 2 3 3 1 1 1 1	10YR3/3 dark brown silty loam and root mat 2.5Y5/6 light olive brown sand 10YR5/8 yellowish brown sand and gravel 10YR3/3 dark brown silty loam and root mat 10YR7/2 light gray silt 2.5Y5/6 light olive brown sand 10%gravel 10YR6/6 brownish yellow coarse sand 10YR6/4 light yellowish brown silty sand 10YR5/4 yellowish brown fine silt sand 10YR5/4 yellowish brown fine silt sand	
7 2 3 3 8 4 4 4 1 1 2 2 2 3 3 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2.5Y5/6 light olive brown sand 10YR5/8 yellowish brown sand and gravel 10YR3/3 dark brown silty loam and root mat 10YR7/2 light gray silt 2.5Y5/6 light olive brown sand 10%gravel 10YR6/6 brownish yellow coarse sand 10YR3/2 dark grayish brown silty sand 10YR6/4 light yellowish brown silty sand 10YR5/4 yellowish brown fine silt sand 10YR5/3 dark brown silty loam and root mat	
7 1 8 4 4 4 8 1 1 1 9 1 10 1 11 1 11 1 12 2 3 3 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10YR5/8 yellowish brown sand and gravel 10YR3/3 dark brown silty loam and root mat 10YR7/2 light gray silt 2.5Y5/6 light olive brown sand 10%gravel 10YR6/6 brownish yellow coarse sand 10YR6/4 light yellowish brown silty sand 10YR5/4 yellowish brown fine silt sand 10YR5/3 dark brown silty loam and root mat	
7 1 2 2 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	10YR3/3 dark brown silty loam and root mat 10YR7/2 light gray silt 2.5Y5/6 light olive brown sand 10%gravel 10YR6/6 brownish yellow coarse sand 10YR3/2 dark grayish brown silty sand 10YR3/2 dark grayish brown silty sand 10YR5/4 yellowish brown fine silt sand 10YR5/3 dark brown silty loam and root mat	
8 8 4 4 4 4 4 4 7 7 3 10 10 10 11 11 12 13 13 13 13 14 14 15 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	10YR7/2 light gray silt 2.5Y5/6 light olive brown sand 10%gravel 10YR6/6 brownish yellow coarse sand 10YR3/2 dark grayish brown silty sand 10YR6/4 light yellowish brown silty sand 10YR5/4 yellowish brown fine silt sand 10YR5/3 dark brown silty loam and root mat	
8 8 1 4 4 4 4 1 3 3 1 10 10 11 11 12 13 13 13 13 13 13 13 14 15 16 17 17 18 18 18 18 18 18 18 18 18 18 18 18 18	2.5Y5/6 light olive brown sand 10%gravel 10YR6/6 brownish yellow coarse sand 10YR3/2 dark grayish brown silty sand 10YR6/4 light yellowish brown silty sand 10YR5/4 yellowish brown fine silt sand 10YR5/3 dark brown silty loam and root mat	
8 4 9 1 10 2 10 2 11 1 11 1 12 2 13 3 13 1 13 1 13 1	10YR6/6 brownish yellow coarse sand 10YR3/2 dark grayish brown silty sand 10YR6/4 light yellowish brown silty sand 10YR5/4 yellowish brown fine silt sand 10YR5/3 dark brown silty loam and root mat	
8 1 2 2 3 3 10 1 10 2 11 1 12 2 13 3 13 1 13 1	10YR5/2 dark grayish brown silty sand 10YR6/4 light yellowish brown silty sand 10YR5/4 yellowish brown fine silt sand 10YR5/3 dark brown silty loam and root mat	
9 3 3 3 10 2 3 3 11 1 1 12 2 13 3 13 1	10YR8/4 light yellowish brown silty sand 10YR8/3 dark brown fine silt sand 10YR3/3 dark brown silty loam and root mat	
9 3 10 2 2 3 10 1 11 1 11 2 12 3 13 1 13 1	10YR5/4 yellowish brown fine silt sand 10YR3/3 dark brown silty loam and root mat	
9 1 10 2 3 3 11 1 11 2 2 3 12 1 13 1 13 1	10YR3/3 dark brown silty loam and root mat	
10 2 3 1 11 1 11 2 12 3 13 1 13 1	2 5V5/6 1: Lt 21: 1. L	
10 3 11 1 11 2 12 3 13 1 13 1	2.3 i 3/0 light olive brown sand	
10 1 11 2 2 12 3 12 1 13 1	10YR6/6 brownish yellow coarse sand	
11 2 2 12 3 12 1 1 13 1	10YR7/2 light gray silt sand	
11 1 2 3 3 1 12 1 13 1	10YR5/6 yellowish brown silt sand	
12 3 3 3 13 1	10YR3/3 dark brown silty loam and root mat	
12 3 2 2 13 1	2.5Y5/6 light olive brown sand	
12 2 2	10YR6/6 brownish yellow coarse sand	
13 2	10YR7/2 light gray silt sand	
13	10YR5/6 yellowish brown silt sand	
	10YR3/3 dark brown silty loam and root mat	
	2.5Y5/6 light olive brown sand	
	10YR6/6 brownish yellow coarse sand	
	10YR3/3 dark brown silty loam and root mat	
2 11-31	10YR7/2 light gray silt sand	
	10YR5/6 yellowish brown silt sand	
	10YR3/3 dark brown silty loam and root mat	
	2.5Y5/6 light olive brown sand	
3 22-32	10YR6/6 brownish yellow coarse sand	

Lansect	010	Laniai	Level	Deptu	Soil Description	Cultural Material	Comments
23	16		-	0-4	10YR3/3 dark brown silty loam and root mat		
			2	4-18	10YR7/2 light gray silt sand		
			3	18-31	10YR5/6 yellowish brown silt sand		
23	17		1	0-10	10YR3/3 dark brown silty loam and root mat		
			2	10-28	2.5Y5/6 light olive brown sand		
			3	28-38	10YR6/6 brownish yellow coarse sand		
23	18		-	0-23	10YR7/2 light gray silt sand		
			2	23-40	10YR5/6 yellowish brown silt sand		
23	19		1	0-10	10YR3/3 dark brown silty loam and root mat	*	
			2	10-14	2.5Y5/6 light olive brown sand		
			3	14-24	10YR6/6 brownish yellow coarse sand		
24	-		1	9-0	10YR3/3 dark brown silty loam and root mat		
			2	6-12	10YR7/2 light gray silt sand		
			3	12-32	2.5Y5/6 light olive brown sand		
			4	32-40	2.5Y7/2 light gray sand 15% gravel		
24	2		-	0-7	10YR3/3 dark brown silty loam and root mat		
			2	7-21	10YR5/6 yellowish brown silt sand		
			3	21-35	10YR6/6 brownish yellow coarse sand		
24	3		-	0-10	10YR3/2 dark grayish brown silty loam with root mat		
			2	10-32	2.5Y5/6 light olive brown sand		
			3	32-40	2.5Y7/2 light gray sand 15% gravel		
24	4		-	0-4	10YR3/3 dark brown silty loam and root mat		
			2	4-18	10YR5/6 yellowish brown silt sand		
			3	18-29	10YR6/6 brownish yellow coarse sand		
24	2		-	9-0	10YR3/3 dark brown silty loam and root mat		
			2	6-10	10YR7/2 light gray silt		
			3	10-28	10YR5/6 yellowish brown silt sand		
			4	28-41	10YR6/6 brownish yellow coarse sand		
24	9		_	0-7	10YR3/3 dark brown silty loam and root mat		
			2	7-21	10YR5/6 yellowish brown silt sand		
			3	21-38	10YR6/6 brownish yellow coarse sand		
24	7		-	0-5	10YR3/3 dark brown silty loam and root mat		
			2	5-19	10YR5/6 yellowish brown silt sand		
			3	19-33	10YR6/6 brownish yellow coarse sand		
24	∞		-	0-3	10YR3/3 dark brown silty loam and root mat		
			2	3-20	10YR5/6 yellowish brown silt sand		
			3	20-35	10YR6/6 brownish yellow coarse sand		
						*	
		*					

9 1 0-9 10 NR3/2 dark gray/ish brown silty loam with root mat I reddened/ modified in the province of the province o	11 milloct	-	LAUIAI	Level	Deptn	Soli Description	Cultural Material	Collinents
2 9-34 2.575/6 light olive brown sand 1 reddened modified 3 3-44 2.577/12 light gray sand 15% gravel 1 flake 4 10-10 10/R2/3 dark brown silty loam and root mat 1 flake 5 10-17 10/R2/3 light gray silt 2 FCR 1 rhyolite, 1 8 38-48 10/R5/6 yellowish brown silt sand 2 FCR 1 rhyolite, 1 9 South 1 0-1.2 10/R5/6 brownish yellow coarse sand 2 FCR 1 rhyolite, 1 1 0-1.2 10/R5/6 brownish yellow coarse sand 2 FCR 1 rhyolite, 1 1 0-1.2 10/R5/6 brownish yellow coarse sand 2 FCR 1 rhyolite, 1 2 13-40 10/R5/6 yellowish brown silt sand 2 FCR 1 rhyolite, 1 3 13-40 10/R5/6 yellowish brown silt sand 2 FCR 1 rhyolite, 1 4 21-30 10/R5/6 yellowish brown silt sand 3 FCR 1 rhyolite, 1 5 30-39 10/R5/6 yellowish brown file sandy silt 30% gravel 3 FCR 1 rhyolite, 1 6 7 10/R5/6 yellowish brown file sandy silt 30% gravel 3 FCR 1 rhyolite, 1 1 0-7 10/R5/6 yellowish brown file sandy silt 30% gravel 3 FCR 1 rhyolite, 1 1 0-7 10/R5/6 yellowish brown file sandy silt 30% gravel 3 FCR 1 rhyolite, 2 FCR 1 rhyolite, 3 FCR 2 FCR 1 rhyolite, 3 FCR 3 FCR 2 FCR 1 rhyolite, 3 FCR 3 FCR 2 FCR 2 FCR 1 rhyolite, 3 FCR 3 FCR 2 FCR 2 FCR 3 FCR 2 FCR 3 FCR	24	6		1	6-0	10YR3/2 dark grayish brown silty loam with root mat		
3 3444 2.5Y/70 light gray sand 15% grave 1 0-10 10YR2/3 light gray sand 15% grave 2 10-13 10YR2/6 yellowish brown silt sand 2 FCR 1 rhyolite, 1 3 17-38 10YR2/6 brownish yellow coarse sand 2 FCR 1 rhyolite, 1 4 38-48 10YR6/6 brownish yellow coarse sand 2 South 2 O-12 10YR6/6 brownish yellow coarse sand 3 31-40 10YR6/6 brownish yellow coarse sand 3 31-40 10YR6/6 brownish yellow coarse sand 3 13-21 10YR6/6 prownish yellow coarse sand 3 13-21 10YR6/1 gray silty loam loess 3 13-31 10YR6/1 gray silty loam loess 3 13-31 10YR6/1 gray silty loam loess 3 13-31 10YR6/6 prownish yellow silty sand 60% grave 4 21-30 10YR6/6 prownish yellow silty sand 60% grave 5 30-30 10YR6/6 pleuwish brown fine sandy silt 30% grave 5 30-30 10YR6/6 pleuwish brown fine sandy silt 30% grave 5 30-30 10YR6/6 pleuwish brown fine sandy silt 30% grave 5 30-30 10YR6/6 pleuwish brown fine sandy silt 30% grave 5 30-30 10YR6/6 pleuwish brown fine sandy silt 30% grave 5 30-30 10YR8/6 pleuwish brown fine sandy silt 30% grave 5 30-30 10YR8/6 pleuwish brown fine sandy silt 30% grave 5 30-30 10YR8/6 pleuwish brown fine sandy silt 30% grave 5 30-30 10YR8/6 pleuwish brown silts loam and root mat 5 30-30 10YR8/6 pleuwish brown silts loam and root mat 5 4-11 10YR8/6 pleuwish brown silts loam and root mat 5 6-18 10YR8/6 pleuwish brown silts loam and root mat 5 10-14 10YR8/6 pleuwish brown silts loam and root mat 5 1-34 10YR8/6 pleuwish prown silts loam and root mat 5 1-34 10YR8/6 pleuwish prown silts loam and root mat 5 1-34 10YR8/6 pleuwish prown silts loam and root mat 5 1-34 10YR8/6 pleuwish prown silts loam and root mat 5 8-38 10YR8/6 pleuwish prown silts loam and root mat 5 8-38 10YR8/6 pleuwish prown silts loam and root mat 5 8-38 10YR8/6 pleuwish prown silts loam and root mat 5 8-38 10YR8/6 pleuwish prown silts loam and root mat 5 8-38 10YR8/6 pleuwish prown silts loam silts loam an				7	9-34	2.5Y5/6 light olive brown sand	I reddened/ modified rhyolite pebble, I basalt flake	77.8 ME
9 North 1 0-10 10YR3/3 dark brown silty loam and root mat 2 10-17 10YR1/2 light gray silt 2 FCR I rhyolite, 1 4 38-48 10YR6/6 brownish velow coarse sand 2 FCR I rhyolite, 1 9 East 1 10YR6/6 brownish yellow coarse sand basalt 1 10-17 10YR8/3 dark brown silt yellow coarse sand 1 2 FCR I rhyolite, 1 2 112-31 10YR6/6 brownish yellow coarse sand 1 3 1-3-1 10YR6/1 brown silty loam 3 13-21 10YR6/1 gray silty loam (albic) 3 1-3-2 10YR6/1 gray silty loam (albic) 3 1-3-2 10YR6/6 brownish yellow silty sand 60% gravel 5 30-39 10YR6/6 brownish yellow silty sand 60% gravel 5 10-3 10YR6/6 brownish yellow silty sand 60% gravel 1 1-3 10YR6/6 prownish yellow silty sand 60% gravel 1 0-4 10YR6/6 prownish yellow coarse sand 1 1-34 10YR6/6 prownish yellow coarse sand 11 1 0-4 10YR3/3 dark brown silt sand 1 1-3 10YR3/3 dark brown silt sand 12 1-30 10YR8/6 brownish yellow coarse sand				3	34-44	2.5Y7/2 light gray sand 15% gravel		
2 10-17 10YR7/2 light gray sift 2 FCR 1 rhyolite, 1 1-38 17-38 10YR6/6 yellowish brown silt sand 2 FCR 1 rhyolite, 1 1 1-38 10YR6/6 brownish yellow coarse sand 2 12-31 10YR6/6 brownish yellow coarse sand 3 31-40 10YR3/1 and kebrown silt sand 3 31-40 10YR8/1 gray liby loam 2 7-13 10YR6/1 gray silty loam 1 0-7 10YR3/1 and kebrown silty loam 0 0 0 0 0 0 0 0 0	24	6	North	1	0-10	10YR3/3 dark brown silty loam and root mat		
3 17-38 10YR6/6 brownish brown silt sand Dasalt				2	10-17	10YR7/2 light gray silt		
9 East 1 0-12 2 12-31 3 31-40 9 South 1 0-7 2 7-13 3 13-21 4 21-30 5 30-39 10 10 0-4 11 0-4 11 0-7 12 4-11 2 7-13 3 13-21 4 21-30 5 30-39 10 0-4 11 0-7 12 4-11 2 7-29 2 7-29 3 18-38 13 14-24 14 24-38 14 24-38 17 0-10 18 18-38 18 18-38 18 18-38 19 0-10 10 0-6 10 0-6 10 0-6 10 0-6 10 0-10 10 0-10 11 0-10 12 10-14 13 11-36 14 24-38 14 24-38 14 24-38 17 0-8 18 11-38				3	17-38	10YR5/6 yellowish brown silt sand	2 FCR 1 rhyolite, 1 basalt	77.8 ME
9 East 1 0-12 2 12-31 3 31-40 9 South 1 0-7 2 7-13 3 13-21 4 21-30 5 30-39 10 10 0-4 11 0-4 11 0-7 12 4-11 2 7-13 3 13-21 4 21-30 5 30-39 10 0-4 11 0-4 12 1-30 2 7-13 3 13-21 4 21-30 5 30-39 10 0-4 11 0-7 12 1-136 13 18-38 13 14-24 14 24-38 14 24-38 14 24-38 17 0-10 18 18-38 18 18-38 18 18-38 19 0-10				4	38-48	10YR6/6 brownish yellow coarse sand		
9 South 1 0-7 3 11-40 9 West 1 0-7 4 21-30 5 30-39 9 West 1 0-7 10 10 1 0-4 11 0-7 11 11-36 11 0-7 12 4-11 13 11-36 13 18-38 13 14-24 14 24-38 14 24-38 14 24-38 14 24-38 14 24-38 14 14-24 15 0-6	24	6	East	_	0-12	10YR3/3 dark brown silty loam		
9 South 1 0-7 2 7-13 3 13-21 4 21-30 5 30-39 9 West 1 0-7 10 2 7-13 3 13-21 10 2 7-13 11-36 11 0-4 11 0-7 12 2 4-11 13 11-36 13 18-38 13 14-24 14 24-38 14 24-38 14 24-38 14 24-38 14 24-38 14 0-8			-	2	12-31	10YR6/6 brownish yellow coarse sand		
9 South 1 0-7 2 7-13 3 13-21 4 21-30 5 30-39 9 West 1 0-7 10 2 7-13 3 13-21 10 10 0-4 11 0-4 11 0-7 12 2 4-11 13 11-36 13 18-38 13 18-38 13 14-24 14 24-38 14 24-38 14 24-38 14 24-38 15 16-14 16 17 0-6 17 0-6 18 18 18-38 19 18-38 11 0-10 11 0-18 11 0-18 12 10-14 13 11-36				3	31-40	10YR5/6 yellowish brown silt sand		
9 West 13-21 9 West 1 0-7 10 10 2 7-13 3 13-21 4 21-30 2 7-13 3 13-21 4 21-30 5 30-39 10 1 0-4 11 0-7 12 2 6-18 13 18-38 13 14-24 14 24-38 1 1-26 1 1 0-10 1 2 10-14 1 3 14-24 1 4 24-38 1 1 - 0-6 1 1 0-6 1 1 0-6 1 1 0-10 1	24	6	South	1	0-7	10YR3/1 very dark gray silty loam		
9 West 1 21-30 5 30-39 5 30-39 10 2 7-13 3 13-21 4 21-30 5 30-39 10 1 0-4 11 1 0-7 12 2 4-11 2 4-11 3 11-36 12 6-18 3 18-38 13 14-24 4 24-38 14 24-38 14 24-38 1 0-10 1 0-10 2 6-18 3 14-24 4 24-38 1 1 0-10 3 11-24 4 24-38 1 1 0-10 3 11-24 4 24-38 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				2	7-13	10YR6/1gray silty loam (albic)		
9 West 1 0-7 13 30-39 13-21 2 7-13 3 13-21 2 13-21 2 13-21 2 11-36 11 0-7 12 2 7-29 2 10-14 2 13 14-24 11 14 14 14 14 14 14 14 14 14 14 14 14				3	13-21	10YR6/3 pale brown silty loam loess		
9 West 1 0-7 2 7-13 3 13-21 4 21-30 5 30-39 10 1 0-4 11 0-4 11 1 0-7 12 2 7-29 13 29-40 13 18-38 13 14-24 14 1 0-10 14 1 0-8 15 1 0-10 16 1 0-10 17 1 0-10 18 1 1 0-10 19 1 1 0-10 19 1 1 0-10 19 1 1 0-10 10 1 1 0-10 11 0-10 11 0-10 12 1 0-10 13 1 14-24 14 24-38 11-38				4	21-30	10YR5/8 yellowish brown fine sandy silt 30% gravel		
9 West 1 0-7 2 7-13 3 13-21 4 21-30 5 30-39 10 1 0-4 11 0-7 11 1 1-36 12 4-11 2 4-11 2 7-29 3 18-38 13 18-38 13 14-24 14 24-38 14 24-38 14 10-8				5	30-39	10YR6/6 brownish yellow silty sand 60% gravel		
10 2 7-13 3 13-21 4 21-30 5 30-39 10 1 0-4 11 1 0-7 11 0-6 12 11 0-10 13 11-24 14 14-24 14 14-24 14 14-24 14 14-24 14 14-24 14 14-24 14-	24	6	West	-	0-7	10YR3/1 very dark gray silty loam		
3 13-21 4 21-30 5 30-39 10 1 0-4 11 0-7 11 0-7 12 11-36 12 12 12 12 12 13 14-24 14 14-24 14 14-24 14 14-24 14 14-2				2	7-13	10YR6/1gray silty loam (albic)		
10 1 0-4 30-39 10-4 1 0-4				3	13-21	10YR6/3 pale brown silty loam loess		
10 1 0-4 10 1 0-4 11 2 4-11 12 2 7-29 13 1 0-10 14 24-38 15 1 0-8 16 1 0-8 17 0-10 18 1 0-10 19 1 0-8 10 1 0-8 11 1 1-36 11 1-36 12 13 14-24 13 14-24 14 15 15 11-38 16 11-38 17 11-38 18 11-38 19 11-38 10 11-38 11 11-38 11 11-38 10 11-38 11 11-38 11 11-38 11 11-38 11				4	21-30	10YR5/8 yellowish brown fine sandy silt 30% gravel		
10 1 0.4 1 1.36 1.1-36 1.1-36 1.2 2 7-29 2 7-29 1.2 1 0.6 1.3 1.4-24 1 0.8 1.4-24 1 0.8 1.4-24 1 0.8 1.4-38 1.4-24 1 0.8 1.4-38 1.4-24 1 0.8 1.1-38 1.1-38 1.1-38 1.1-38 1.1-38 1.1-38 1.1-38				5	30-39	10YR6/6 brownish yellow silty sand 60% gravel		
11 2 4-11 11-36 11-36 11-36 11-36 11-36 12 12-29 12 12 12 12 13 18-38 13 14-24 14 14 14-38 11-38	24	10		-	0-4	10YR3/3 dark brown silty loam and root mat		
11 1 0-7 1-29				2	4-11	10YR5/6 yellowish brown silt sand		
11				3	11-36	10YR6/6 brownish yellow coarse sand		
12 2 7-29 3 29-40 12 1 0-6 18 18-38 18-38 13 14-24 14 1 0-8 11-38	24	=		1	0-7	10YR3/3 dark brown silty loam and root mat		
12 3 29-40 12 1 0-6				2	7-29	2.5Y5/6 light olive brown silt		
12 0-6 2 6-18 3 18-38 18-38 18-38 18-38 14-24 3 14-24 14 1 0-8 11-38 11-38 11-38 11-38 11-38 11-38 11-38 11-38				3	29-40	2.5Y6/6 olive yellow sandy silt 10% gravel		
13 18.38 18.38 10.10 2 10.14	24	12		-	9-0	10YR3/3 dark brown silty loam and root mat		
13 18-38 13 1 0-10 2 10-14 3 14-24 4 24-38 14 1 0-8 2 8-11 3 11-38				2	81-9	10YR5/6 yellowish brown silt sand		
13 1 0-10 2 10-14 3 14-24 4 24-38 14 1 0-8 2 8-11 3 11-38				3	18-38	10YR6/6 brownish yellow coarse sand		
2 10-14 3 14-24 4 24-38 14 1 0-8 2 8-11 3 11-38	24	13		1	0-10	10YR3/3 dark brown silty loam and root mat		
3 14-24 4 24-38 14 0-8 2 8-11 3 11-38				2	10-14	10YR7/2 light gray silt		
14 24-38 14 0-8 2 8-11 3 11-38				3	14-24	10YR5/6 yellowish brown silt sand		
14 1 0-8 2 8-11 3 11-38				4	24-38	10YR6/6 brownish yellow coarse sand		
8-11	24	14		1	8-0	10YR3/3 dark brown silty loam and root mat		
11-38				2	8-11	10YR5/6 yellowish brown silt sand		
				3	11-38	10YR6/6 brownish yellow coarse sand		

10YR3/3 dark brown silty loam and root mat 12.5V36 light olive brown silty sand 10YR6/6 brownish yellow coarse sand 10YR6/6 brownish yellow coarse sand 10YR5/2 grayish brown sand and gravel 10YR5/3 yellowish brown sand and gravel 10YR5/8 yellowish brown sand and gravel 10YR3/3 dark brown silty loam and root mat 2.5Y3/6 light olive brown silty sand 10YR3/3 dark brown silty loam and root mat 10YR3/3 yellowish brown sand and gravel 10YR3/3 yellowish brown sand and gravel 10YR3/3 verlowish brown sand 10YR3/3 brown sand 10YR3/3 brown sand 10YR3/3 brown sand 10YR3/3 dark brown silty loam and root mat 10YR3/3 dark brown silty loam 10YR3/3 dark brown silty loam and root mat 10YR3/3 bark brown silty loam and root mat 10YR3/8 bary brown silty loam and root mat 10YR3/8 bary sand					Deptil	Son Description	Cultural Material	
2 4-24 3 24-38 2 10-9 2 1 0-9 3 11-24 3 11-24 4 24-38 5 38-46 3 10-26 4 24-38 5 38-46 7 2 7-10 3 10-26 4 26-36 7 2 13-34 7 2 13-33 3 33-53 3 33-53 3 33-53 3 33-53 3 33-53 3 33-53 3 33-53 3 33-63 7 1 0-10 8 1 0-10 8 1 10-12 9 1 0-4 9 1 0-7 1	_	_		_	0-4	10YR3/3 dark brown silty loam and root mat		
2 1 0-9 2 1-38 3 24-38 3 11-24 4 24-38 5 38-46 5 38-46 7 0-7 7 1 0-7 7 1 0-8 8 1 1-31 9 11-22 9 11 0-4 9 1 0-4 9 1 1 0-7 1 0-4 9 1 1 0-7 1 0-4 9 1 1 0-7 1 1 0-8 1 1-32 9 1 1-32 9 1 1-32 9 1 1-32 9 1 1-32 9 1 1-32 9 1 1-32 9 1 1-32 9 1 1-32 9 1 1-32 9 1 1-32 9 1 1-32 9 1 1-32 9 1 1-32 9 1 1-33 9 11-23 9 11-23 9 11-23 9 11-23 9 11-23 9 11-23 9 11-33 9 11-33 9 11-33				2	4-24	2.5Y5/6 light olive brown silty sand		
2 1 0-9 2 9-11 3 11-24 4 24-38 5 38-46 7 2 7-10 3 10-26 3 10-26 3 10-26 4 26-36 4 26-36 7 2 13-34 5 11-31 9 11-22 8 11-22 8 11-22 8 11-22 8 11-22 9 11-23				3	24-38	10YR6/6 brownish yellow coarse sand		
2 9-11 3 11-24 4 24-38 5 38-46 5 38-46 7 0-7 7 10 0-7 7 10 0-6 7 10 0-7 7 10 0-8 8 11-22 8 11-22 8 11-22 8 11-22 9 11-23	2	2		-	6-0	10YR3/2 very dark brown silty loam		
3 11-24 4 24-38 5 38-46 5 38-46 1 0-7 1 0-26 4 26-36 4 26-36 4 26-36 1 0-7 2 7-21 3 21-34 5 11-31 3 31-41 6 1 0-13 7 1 0-8 8 1 1-22 8 11-22 8 11-22 9 1 0-10 1 0-10 2 13-33 3 3-53 4 22-40 8 1 0-10 2 10-12 3 11-32 4 53-63 4 53-63 1 0-10 3 11-22 4 22-40 8 1 0-10 1 0-10 2 10-12 3 10-23 3 10-23 1 0-7 1 0-7 1 0-7 1 0-7 1 0-7 1 0-7 1 0-7				2	9-11	10YR5/2 grayish brown sand		
3 4 24-38 5 38-46 5 38-46 3 10-26 3 10-26 4 26-36 4 26-36 4 26-36 5 1 0-7 6 1 0-13 7 1 0-8 7 1 0-8 8 1 0-10 8 1 0-10 8 1 0-10 8 1 0-10 9 1 0-4 9 1 0-4 10 1 0-7 10 1 0-7 10 1 0-7 10 3 15-33 10 3 15-33 10 3 15-33 10 3 15-33 10 4 23-43 10 3 15-33 10 3 15-33 10 4 33-43				3	11-24	10YR5/3 brown sand		
3 1 0-7 3 1 0-7 4 26-36 4 26-36 4 26-36 4 26-36 5 1 0-7 2 7-21 3 21-34 3 21-34 5 1 0-6 6 1 0-13 7 1 0-8 7 1 0-8 7 1 0-8 8 1 0-10 8 1 0-10 8 1 0-10 8 1 0-10 9 1 0-4 9 1 0-4 9 1 0-4 9 1 0-2 10 1 0-7 2 4 23-42 9 1 0 10 1 0-7 10 1 0-7 10 1 0-7 1 0				4	24-38	10YR5/6 yellowish brown sand		
3 10-7				5	38-46	10YR5/8 yellowish brown sand and gravel		
2 7-10 3 10-26 4 26-36 4 26-36 4 0-7 3 21-34 5 11-31 3 11-31 6 1 0-13 6 1 1 0-13 7 1 1-22 8 11-22 8 11-22 9 1 0-10 9 1 0-10 10 0-3 11-32 11-22 11-22 11-22 11-22 11-22 11-31 11-22 11-33 11-22 11-32 11-32 11-32 11-32 11-32 11-33 11-33 11-32 11	2	3		-	0-7	10YR3/3 dark brown silty loam and root mat	>	
3 10-26 4 1 0-7 5 1 0-6 5 1 0-6 7 1 0-13 8 1 1-22 8 1 0-10 8 1 0-10 8 1 0-10 8 1 0-10 9 1 0-4 9 1 0-7 10 1 0-7 10 1 0-7 10 1 0-7 10 1 0-7 10 1 0-7 10 1 0-7 10 1 0-7 10 1 0-7 10 1 0-7 10 1 0-7 10 1 0-7 10 1 0-7 10 1 0-7 10 1 0-7 10 1 0-7 10 1 0-7 10 1 1-33 15-34 15-35				2	7-10	10YR7/2 light gray silt		
4 26-36 4 1 0-7 5 1 0-6 3 21-34 5 1 0-6 6 1 0-6 7 1 0-13 8 1 0-10 8 1 0-10 8 1 0-10 8 1 0-10 9 1 0-4 9 1 0-4 10 1 0-7 10 3 15-33 10 3 15-33 10 3 15-33 10 3 15-33				3	10-26	2.5Y5/6 light olive brown silty sand		
4 1 0-7 5 2 7-21 3 21-34 5 1 0-6 6 1 0-6 7 1 0-13 8 1 0-10 8 1 0-10 8 1 0-10 8 1 0-10 9 1 0-4 9 1 0-4 10 1 0-7 10 3 15-33 10 3 15-33 10 3 15-33 10 3 15-33 10 3 15-33			37	4	26-36	10YR6/6 brownish yellow coarse sand		
5 7-21 5 1 0-6 2 6-11 3 11-31 4 31-41 6 1 0-13 7 1 0-8 8 1 0-10 8 1 0-10 8 1 0-10 9 1 0-4 9 1 0-4 10 2 4+10 3 10-23 4 23-33 10 1 0-7 10 3 15-33 10 3 15-33 4 33-43	2	4		-	0-7	10YR3/3 dark brown silty loam and root mat		
5 11-34 5 1 0-6 2 6-11 3 11-31 6 1 0-13 6 1 0-13 7 1 0-8 8 1 1-22 3 33-53 3 33-53 4 53-63 7 1 0-8 8 1 1-22 3 11-22 3 11-22 4 22-40 8 1 0-10 2 10-12 3 12-32 9 1 0-4 9 1 0-4 10 0-7 10 0-7 10 0-7 10 0-7 10 0-7 10 0-7				2	7-21	2.5Y5/6 light olive brown silty sand		15
5 1 0-6 2 6-11 3 11-31 4 31-41 6 1 0-13 7 4 53-63 8 1 0-8 8 1 0-10 8 1 0-10 8 1 0-10 9 1 0-4 9 1 0-4 9 1 0-4 9 1 0-4 10 1 0-7 10 1 0-7 10 3 15-33 10 3 15-33 10 3 15-33				3	21-34	10YR6/6 brownish yellow coarse sand		
2 6-11 3 11-31 4 31-41 6 1 0-13 7 2 13-33 7 1 0-8 8 1 0-8 9 1 0-10 9 1 0-4 9 1 0-4 9 1 0-4 9 1 0-4 10 1 0-7 10 1 0-7 10 3 15-33 10 3 15-33 10 3 15-33	2	2		_	9-0	10YR3/3 dark brown silty loam and root mat		
3 11-31 4 31-41 6 1 0-13 3 33-53 1 3 33-53				2	6-11	10YR7/2 light gray silt		
6 1 0-13 2 13-33 3 33-53 7 4 53-63 7 1 0-8 8 11-22 8 11-22 3 11-22 4 22-40 8 1 0-10 2 10-12 3 12-32 4 32-42 9 1 0-4 9 1 0-4 10 1 0-7 10 1 0-7 10 1 0-7 10 1 0-7 10 1				3	11-31	10YR6/6 brownish yellow coarse sand		
6 1 0-13 2 13-33 3 3-53 4 53-63 7 1 0-8 8 11-22 8 11-22 4 22-40 8 1 0-10 2 10-12 3 12-32 9 1 0-4 9 1 0-4 9 1 0-4 10 0-7 10 0-7				4	31-41	10YR5/8 yellowish brown sand and gravel		
2 13-33 3 3-53 4 53-63 7 1 0-8 8 11-22 8 11-22 3 11-22 4 22-40 8 1 0-10 2 10-12 3 12-32 9 1 0-4 9 1 0-4 9 1 0-4 10 0-7 10 1 0-7 10 3 15-33 10-23 4 23-33 10-3 10 3 15-33 10 3 15-33	10	9		_	0-13	10YR3/2 dark grayish brown silty loam		
3 33-53 7 1 0-8 7 1 0-8 8 11-22 8-11 8 1 0-10 2 10-12 3 12-32 3 12-32 9 1 0-4 9 1 0-4 9 1 0-4 10 2 4+10 3 10-23 4 23-33 10 1 0-7 4 33-43 10 3 15-33 4 33-43	21			2	13-33	10YR7/2 light gray silt		
7 1 0-8 2 8-11 3 11-22 8 1 1-22 4 22-40 8 1 0-10 2 10-12 3 12-32 9 1 0-4 9 1 0-4 9 1 0-4 10 2 4-10 3 10-23 10 2 4-10 3 10-23 4 23-33 10 3 15-33 10 3 15-33				3	33-53	10YR5/6 yellowish brown sand		
7 1 0-8 2 8-11 3 11-22 8 1 1-22 4 22-40 8 1 0-10 3 12-32 9 1 0-4 9 1 0-4 9 1 0-4 10 2 4-10 3 10-23 10 2 4-10 3 10-23 4 23-33 10 3 15-33 10 3 15-33				4	53-63	10YR6/8 brownish yellow sand 20% gravel		
2 8-11 3 11-22 4 22-40 8 1 0-10 2 10-12 3 12-32 4 32-42 9 1 0-4 2 4+10 3 10-23 4 23-33 10 1 0-7 10 3 15-33 4 33-43		7		-	8-0	10YR3/2 very dark grayish brown silty loam		
8 11-22 4 22-40 8 1 0-10 2 10-12 3 12-32 9 1 0-4 9 1 0-4 10 2 4-10 3 10-23 10 2 4-10 2 4-10 3 10-23 10 3 15-33 10 3 15-33				2	8-11	10YR5/3 brown sand		
8 1 0-10 8 1 0-10 2 10-12 3 12-32 4 32-42 9 1 0-4 9 1 0-4 10 2 4-10 3 10-23 10 3 10-23 10 3 15-33 10 3 15-33 10 3 15-33				3	11-22	10YR7/1 light gray sand		
8 1 0-10 2 10-12 3 12-32 4 32-42 9 1 0-4 2 4-10 3 10-23 10 1 0-7 10 2 7-15 10 3 15-33				4	22-40	10YR5/6 yellowish brown sand		
2 10-12 3 12-32 4 32-42 9 1 0-4 2 4-10 3 10-23 10 1 0-7 10 2 7-15 10 3 15-33 4 33-43		∞		-	0-10	10YR3/2 dark grayish brown silty loam and root mat		
3 12-32 9 1 0.4 2 4-10 3 10-23 4 23-33 10 1 0.7 2 7-15 10 3 15-33 4 33-43				2	10-12	10YR7/2 light gray silt		
9 1 0-4 9 1 0-4 2 4-10 3 10-23 4 23-33 10 1 0-7 10 3 15-33 10 3 15-33				3	12-32	2.556/6 light olive brown silt		
9 1 0-4 2 4-10 3 10-23 4 23-33 10 1 0-7 2 7-15 10 3 15-33 4 33-43				4	32-42	2.5Y7/6 yellow sand 20% gravel		
2 4-10 3 10-23 10 1 0-7 10 2 7-15 10 3 15-33 4 33-43		6		_	0-4	10YR3/3 dark brown silty loam		
3 10-23 4 23-33 10 10 1 0 0				2	4-10	10YR8/2very pale brown silty sand		
10 1 0-7 2 7-15 10 3 15-33 4 33-43				3	10-23	2.5Y5/6 light olive brown silty sand		
10 1 0-7 2 7-15 10 3 15-33 4 33-43				4	23-33	10YR5/8 yellowish brown coarse sand		
10 2 7-15 10 3 15-33 4 33-43		10		-	0-7	10YR3/3 dark brown silty loam and root mat		
10 3 15-33				2	7-15	10YR7/2 light gray silt		
33-43	16	10		3	15-33	10YR6/6 brownish yellow coarse sand		
2				4	33-43	10YR5/8 yellowish brown sand and gravel		

1 2		12121	Depui	Soli Description	Cultural Material	Comments
,		1	9-0	10YR3/2 dark grayish brown silty loam		
,		2	8-9	10YR5/2 gray sand		
,		3	8-20	10YR5/3 brown sand		
2		4	20-39	10YR5/6 yellowish brown sand		
2		5	39-45	10YR5/8 yellowish brown sand and gravel		
1		-	6-0	10YR3/2 dark grayish brown silty loam		
		2	9-56	10YR6/6 brownish yellow sand		
		3	26-51	10YR5/6 yellowish brown sand		
		4	51-56	10YR6/8 brownish yellow sand and gravel		
_	-33	1	0-7	10YR3/2 dark grayish brown silty loam		
		2	7-15	7.5YR5/8 strong brown silty sand		
		3	15-65	10YR6/8 brownish yellow sand 20% gravel		
2		1	0-10	10YR3/2 dark grayish brown silty loam		
		2	10-30	7.5YR5/8 strong brown silty sand		
		3	30-40	10YR6/8 brownish yellow sand 20% gravel		
28 1		-	0-3	10YR3/2 dark grayish brown silty loam		
		2	3-5	10YR5/2 gray sand		
		3	5-30	10YR5/3 brown sand		
		4	30-50	10YR5/6 yellowish brown sand		
		5	50-62	10YR5/8 yellowish brown sand and gravel		
2		1	9-0	10YR3/3 dark brown silty loam		
		2	6-21	10YR5/8 yellowish brown silty sand		
		3	21-32	10YR6/6 brownish yellow coarse sand		
3		-	0-2	10YR3/3 dark brown silty loam		
		2	2-18	10YR5/8 yellowish brown silty sand		
		3	18-25	10YR6/6 brownish yellow coarse sand		
1		-	9-0	10YR3/3 dark brown silty loam		
		2	6-30	10YR5/8 yellowish brown silty sand		
29 1		3	30-40	10YR6/6 brownish yellow coarse sand		
2		1	6-0	10YR3/3 dark brown silty loam		
		2	9-21	10YR5/8 yellowish brown silty sand		
		3	21-34	10YR6/6 brownish yellow coarse sand		
3		-	0-5	10YR3/2 dark grayish brown silty loam		
		2	2-7	10YR5/2 gray sand	1 rhyolite flake, 1 basalt flake	77.9 ME
		3	7-20	10YR5/6 yellowish brown sand		
		4	20-29	10YR6/6 brownish yellow coarse sand		
		5	29-34	10YR7/1 light gray sand		
		9	34-44	7.5YR5/6 strong brown sand and gravel		

	-			mode of	Son Describer	Cultural Material	Comments
	3	North	-	0-11	10YR3/3 dark brown silty loam		
			2	11-24	10YR5/8 yellowish brown silty sand		
			3	24-34	10YR6/6 brownish yellow coarse sand		
	3	East	-	0-11	10YR3/2 dark grayish brown silty loam		
			2	11-21	10YR6/4 light yellowish brown sand		
¥.			3	21-26	10YR7/1 light gray sand		
			4	26-36	10YR5/6 yellowish brown sand		
			5	36-50	10YR6/8 brownish yellow sand		
	3	South			STU not excavated, disturbed ditch		
	3	West	1	6-0	10YR3/3 dark brown silty loam		
			2	65-6	10YR5/8 yellowish brown silty sand		
			3	39-59	10YR6/6 brownish yellow coarse sand		
					Transects Numbers 30-49 skipped		
	-		-	6-0	10YR3/2 dark grayish brown silty loam		Northeast
			2	9-11	10YR5/2 gray sand		Corner of sector 2
			3	11-22	10YR5/6 yellowish brown sand		
			4	22-38	10YR6/8 brownish yellow sand		
	2		1	0-13	10YR3/2 dark grayish brown silty loam		
			2	13-21	10YR5/2 gray sand		
			3	21-37	10YR5/6 yellowish brown sand		
			4	37-48	10YR6/8 brownish yellow sand		
	3		1	0-4	10YR3/3 dark brown silty loam		
_			2	4-17	10YR5/6 yellowish brown sand		
			3	17-34	10YR5/3 brown sand		
	4		-	0-4	10YR3/3 dark brown silty loam		
			2	4-21	10YR5/6 yellowish brown sand		
			3	21-43	10YR5/3 brown sand		
	5		1	0-10	10YR3/3 dark brown silty loam		
			2	10-12	10YR7/2 light gray silt		
			3	12-22	10YR6/6 brownish yellow silt sand		
			4	22-32	10YR6/8 brownish yellow sand 20% gravel		
	9		1	0-7	10YR3/3 dark brown silty loam		
			2	7-11	10YR7/2 light gray silt		
			3	11-28	10YR5/6 yellowish brown sand		
			4	28-39	10YR5/3 brown sand		
	7		1	0-10	10YR3/3 dark brown silty loam		
			2	10-15	10YR7/2 light gray silt		
			3	15-25	10YR5/6 yellowish brown sand		
				20.00	10000001		

Transect	STU	Radial	Level	Depth	Soil Description	Cultural Material	Comments
51	-		1	8-0	10YR3/2 dark grayish brown silty loam		
			2	8-11	10YR5/2 gray sand		
51	1		3	11-22	10YR5/6 yellowish brown sand		
			4	22-38	10YR6/8 brownish yellow sand		
51	2		1	6-0	10YR3/2 dark grayish brown silty loam		
			2	9-12	10YR5/2 gray sand		
			3	12-25	10YR5/3 brown sand		
			4	25-40	10YR5/6 yellowish brown sand		
			5	40-48	10YR5/8 yellowish brown sand and gravel		
51	3		1	6-0	10YR3/2 dark grayish brown silty loam		
			2	9-12	10YR5/2 gray sand		
			3	12-28	10YR5/3 brown sand		
			4	28-40	10YR5/6 yellowish brown sand		
			5	40-51	10YR5/8 yellowish brown sand and gravel		
52	-		1	6-0	10YR3/2 dark grayish brown silty loam		
			2	9-11	10YR5/2 gray sand		
			3	11-30	10YR5/3 brown sand		
			4	30-39	10YR5/6 yellowish brown sand		
			5	39-42	10YR5/8 yellowish brown sand and gravel		
52	2		-	6-0	10YR3/2 dark grayish brown silty loam		
			2	9-20	10YR5/3 brown sand		
			3	20-40	10YR5/6 yellowish brown sand		
			4	40-55	10YR5/8 yellowish brown sand and gravel		
52	3		-	0-7	10YR3/2 dark grayish brown silty loam		
			2	7-12	10YR5/2 gray sand		
	,		3	12-31	10YR5/3 brown sand		
			4	31-48	10YR5/6 yellowish brown sand		
			5	48-59	10YR5/8 yellowish brown sand and gravel		
52	4		-	0-10	10YR3/2 dark silty loam and root mat		
			2	10-14	10YR7/2 light gray silt		
			3	14-34	10YR6/6 brownish yellow sand		
			4	34-44	2.5Y6/4 light yellowish brown sand		
52	2		_	0-10	10YR3/2 dark silty loam and root mat		
			2	10-28	10YR6/6 brownish yellow sand		
			3	28-38	2.5Y6/4 light yellowish brown sand	41	

					Cultul al Matchial	
	-	1	0-12	10YR3/2 dark grayish brown fine silt sand		On south side of Sector 3-high
		•	12.41	1 11 11 11 11 11 11 11		sandy knoll
		7 0	17-41	101 K2/0 yellowish brown slit sand		
		3	41-50	/.5 Y K4/4 brown silt sand		
	2	-	6-0	10YR3/3 dark brown fine silt sand		
		2	9-31	10YR6/4 light brown silt sand		
		3	31-42	10YR5/6 yellowish brown silt sand		
	3	1	0-12	10YR3/3 dark brown fine silt sand		
		2	12-31	10YR6/4 light brown silt sand		
		3	31-42	10YR5/6 yellowish brown silt sand		
	4	1	6-0	10YR7/2 light gray silt sand		
		2	9-18	10YR5/6 yellowish brown silt sand		
		3	18-24	7.5YR4/6 strong brown silt sand		
2	1	1	0-10	10YR3/3 dark brown silt loam with root mat		
*		2	10-13	10YR7/2 light gray silt		
		3	13-40	10YR6/4 light yellowish brown loess 10% gravel		
2	2	1	0-2	10YR3/3 dark brown silt loam with root mat		
		2	2-20	10YR7/2 light gray silt		
		3	20-52	10YR6/4 light yellowish brown loess 10% gravel		
2	3	-	0-3	10YR3/3 dark brown silt loam with root mat		
,		2	3-7	10YR7/2 light gray silt		
		3	7-45	10YR6/4 light yellowish brown loess 10% gravel		
		4	45-53	10YR7/4 very pale brown silt clay with gravel, till		
2	4	1	0-7	10YR3/3 dark brown silt loam with root mat		
		2	7-10	10YR7/2 light gray silt		
		3	10-40	10YR6/4 light yellowish brown loess 10% gravel		
		4	40-50	10YR7/4 very pale brown silt clay with gravel, till		
3	-	-	0-4	10YR3/2 dark grayish brown silty loam		
		2	4-10	10YR5/2 grayish brown sandy loam		
		3	10-45	10YR6/4 light yellowish brown loess		
		4	45-68	10YR5/6 yellowish brown loam and gavel		
3	2	1	0-4	10YR3/2 dark grayish brown silty loam		
		2	4-11	10YR5/2 grayish brown sandy loam		
		3	11-50	10YR6/4 light yellowish brown loess		
		4	51-65	10YR5/6 vellowish brown loam and gavel		

Fransect	SIO	Level	Depth	Soil Description	Cultural Material	Comments
3	3	1	0-4	10YR3/2 dark grayish brown silty loam		
		2	4-12	10YR5/2 grayish brown sandy loam		
		3	12-20	7.5YR4/4 brown sandy silt		
		4	20-49	10YR6/4 light yellowish brown gravel loam		
4	-	-	0-4	10YR3/2 dark grayish brown silty loam		
		2	4-8	10YR5/2 grayish brown sandy loam		
		3	8-28	7.5YR4/4 brown sandy silt		
		4	28-52	10YR6/4 light yellowish brown gravel loam		
4	2	1	6-0	10YR3/3 dark brown compact coarse sand		
		2	9-25	10YR5/8 yellowish brown compact coarse sand		
		3	25-38	10YR6/6 brownish yellow compact coarse sand		
-		4	38-41	7.5YR4/6 strong brown compact coarse sand	1	
4	3	1	9-0	10YR3/3 dark brown compact coarse sand		
		2	6-38	10YR5/8 yellowish brown compact coarse sand		
		3	38-51	10YR6/6 brownish yellow compact coarse sand		
		4	51-60	7.5YR4/6 strong brown compact coarse sand		
5	-	-	0-10	10YR3/3 dark brown silt loam with root mat		
		2	10-14	10YR7/2 light gray silt		
	,	3	14-37	10YR6/4 light yellowish brown loess 10% gravel		
		4	37-41	10YR7/2 light gray silt		
		5	41-51	10YR6/4 light yellowish brown loess		
2	2	-	0-10	10YR3/3 dark brown silt loam with root mat		
		7	10-16	10YR7/2 light gray silt		
		3	16-40	10YR6/4 light yellowish brown loess 10% gravel		
9	-	-	0-4	10YR3/2 dark grayish brown silty loam		
	F	2	4-6	10YR5/2 grayish brown sandy loam		
		3	6-35	10YR6/4 light yellowish brown loess		
		4	35-59	10YR5/6 yellowish brown loam and gravel		
9	7	-	0-4	10YR3/2 dark grayish brown silty loam		
		2	4-6	10YR5/2 grayish brown sandy loam		
		3	6-30	10YR6/4 light yellowish brown loess		
		4	30-58	10YR5/6 yellowish brown loam and gravel		
7	-	-	0-10	10YR3/3 dark brown silt sand		
		7	10-24	10YR6/6 brownish yellow silt sand		
		3	24-30	10YR5/4 yellowish brown silt sand		
7	2	-	0-10	10YR3/3 dark brown silt sand		
		7	10-28	10YR6/6 brownish yellow silt sand		
		3	28-45	10VD 5/A wellowish brown silt and		

×	,		The same		Cultural Material	Comments
	_	-	0-2	10YR6/2 light brownish gray sand		
	,	2	2-6	10YR3/3 dark brown sand		
		3	6-40	10YR5/6 yellowish brown sand		
		4	40-65	2.5Y5/4 light yellowish brown coarse sand		
∞	2	-	0-2	10YR6/2 light brownish gray sand		
		2	2-8	10YR3/3 dark brown sand		
		3	8-50	10YR5/6 yellowish brown sand		
		4	28-52	2.5Y5/4 light yellowish brown coarse sand 30% gravel, till		
8	3	-	0-2	10YR6/2 light brownish gray sand		-
		2	2-10	10YR3/3 dark brown sand		
		3	10-52	10YR5/6 yellowish brown sand		-
		4	52-70	2.5Y5/4 light yellowish brown coarse sand 30% gravel, till		
∞	4	-	0-3	10YR6/2 light brownish gray sand		
		2	3-9	10YR3/3 dark brown sand		
(6)		3	9-39	10YR5/6 yellowish brown sand		
		4	39-44	2.5Y5/4 light yellowish brown coarse sand 30% gravel, till		
∞	9	-	9-0	10YR3/3 dark brown silt loam with root mat		
		2	6-39	10YR6/8 brownish yellow sand		
		3	39-52	2.5Y6/4 light yellowish brown sand		
8	7	-	8-0	10YR3/3 dark brown silt loam with root mat		
		2	8-42	10YR6/8 brownish yellow sand		
		3	42-60	2.5Y6/4 light yellowish brown sand		
6	_	_	0-5	10YR4/6 dark yellowish brown sandy silt		
		2	5-9	10YR7/2 light gray silt	. 2	
		3	9-21	10YR5/8 yellowish brown sandy silt		
		4	21-67	10YR4/1 dark gray coarse sand	4	
6	2	-	0-11	10YR3/3 dark brown silt loam with root mat		
		2	11-27	10YR5/8 yellowish brown sandy silt		
		3	27-57	2.5Y4/6 light yellowish brown fine sand		
6	3	-	0-10	10YR3/3 dark brown silt loam with root mat		
		2	10-14	10YR5/8 yellowish brown sandy silt		
		3	14-31	10YR5/6 yellowish brown sand		
		4	31-41	2.5Y4/6 light olive brown coarse sand		
6	4	-	0-5	10YR3/3 dark brown silt loam with root mat		
		2	5-30	110YR5/8 yellowish brown sandy silt	Tan in	
		3	30-40	2.5Y4/6 light olive brown coarse sand		

ription dark brown silt loam with root mat yellowish brown sandy silt	yellowish brown fine silt loess dark brown silt loam with root mat	yellowish brown sandy silt	light yellowish brown fine sand	dark brown silt loam with root mat	yellowish brown sandy silt light yellowish brown fine sand	dark brown silt loam with root mat	yellowish brown sandy silt	light yellowish brown fine sand	dark brown silt loam with root mat	light yellowish brown fine sand	dark brown silt loam with root mat	light gray silt	yellowish brown sandy silt	dark brown silt loam with root mat	yellowish brown sandy silt	light yellowish brown compact silty sand	dark yellowish brown silty loam	light gray silt	10YR5/8 yellowish brown sandy silt	ight yellowish brown sand	dark yellowish brown silty loam	light gray silt	yellowish brown sandy silt	light yellowish brown sand	dark yellowish brown silty loam	light gray silt	yellowish brown sandy silt	House brown oned	gill yellowish blown saild
Soil Desc 10YR3/3 10YR5/8	10YR5/4		2.5Y5/4 I	10YR3/3	10YR5/8 2.5Y5/4	10YR3/3	10YR5/8	2.5Y5/4 l	10YR5/8	2.5Y5/4	10YR3/3	10YR7/2	10YR5/8	10VR3/3	10YR5/8	2.5Y5/4	10YR4/6				10YR4/6 dark y	10YR7/2 light g	10YR5/8 yellow	2.5Y6/4 light ye	10YR4/6 dark y	10YR7/2 light g	10YR5/8 yellow	2.5Y6/4light yel	
0-6 6-30	30-90	6-46	46-56	0-10	36-56	9-0	6-34	34-56	15-36	36-56	0-10	10-16	16-29	0-15	15-40	40-50	0-11	11-14	14-51	51-60	6-0	9-12	12-43	43-51	0-7	7-13	13-45	45-61	-

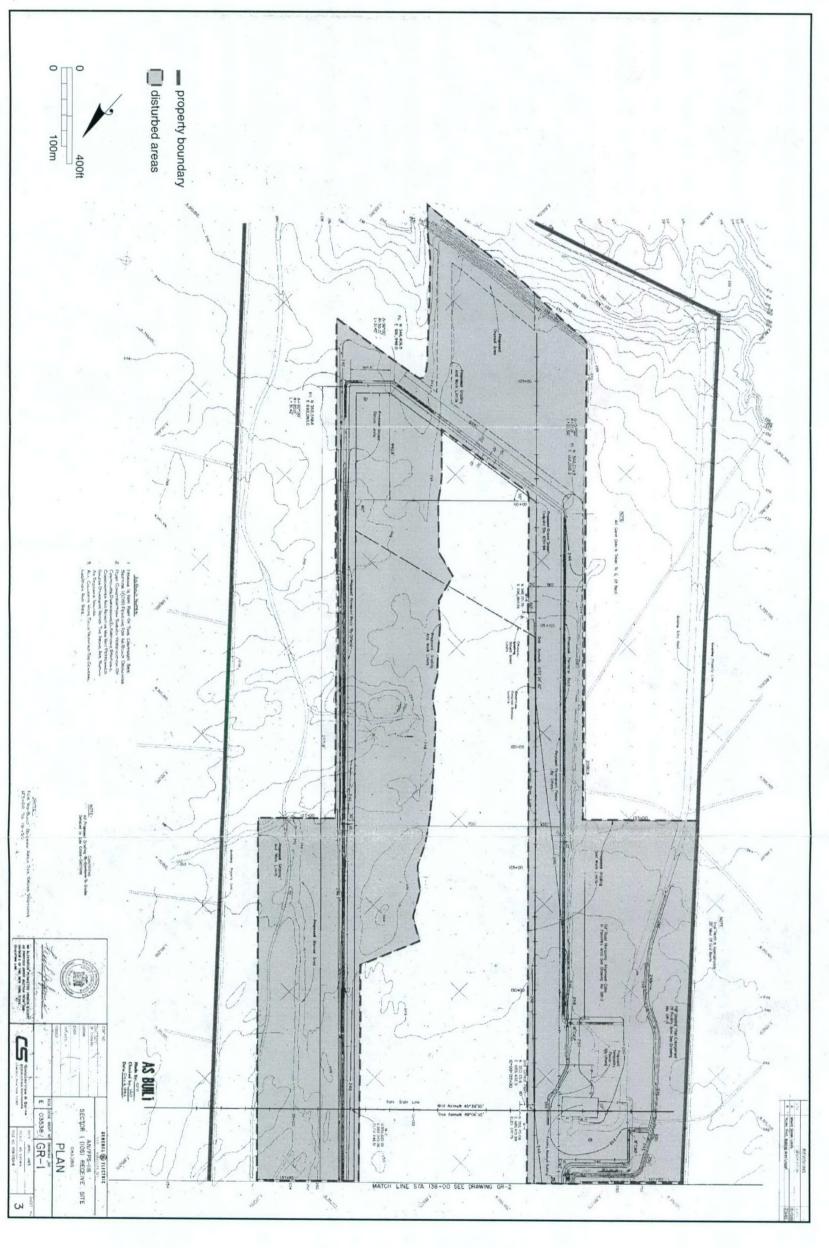
			Cuitul al Matchial	Comments
_	9-0	10YR4/6 dark yellowish brown silty loam		
2	6-11	10YR7/2 light gray silt		
3	11-41	10YR5/8 yellowish brown sandy silt		
4	41-55	2.5Y6/4light yellowish brown sand		
	0-7	10YR3/3 dark brown silty loam		
2	7-14	10YR5/8 yellowish brown sandy silt		
3	14-48	10YR6/6 brownish yellow sand		
	8-0	10YR3/3 dark brown silty loam		
	8-21	10YR5/8 yellowish brown sandy silt		
	21-38	10YR6/6 brownish yellow sand		100
4	38-45	10YR6/4 light yellowish brown sand		
	0-7	10YR3/3 dark brown silty loam		
2	7-14	10YR5/8 yellowish brown sandy silt		
	14-51	10YR6/6 brownish yellow sand		
	51-60	2.5Y5/4 light olive brown sand		
	9-0	10YR3/3 dark brown silty loam		
	6-18	10YR5/8 yellowish brown sandy silt		
	18-36	10YR6/6 brownish yellow sand		
	36-42	2.5Y5/4 light olive brown sand		
	9-0	10YR3/3 dark brown silty loam		
	6-13	10YR5/8 yellowish brown sandy silt		
	13-34	10YR6/6 brownish yellow sand		
	34-42	2.5Y5/4 light olive brown sand		
	9-0	10YR3/3 dark brown silty loam		
	6-12	10YR5/8 yellowish brown sandy silt		
	12-31	10YR6/6 brownish yellow sand		
	31-38	2.5Y5/4 light olive brown sand		
	6-0	10YR3/3 dark brown silty loam		
	9-49	10YR6/4 brownish yellow sand		
3	49-65	2.5Y6/4 light yellowish brown sand		
	0-7	10YR3/3 dark brown silty loam		
2	7-50	10YR6/4 brownish yellow sand		
	50-70	2.5Y6/4 light yellowish brown sand		
	6-0	10YR3/3 dark brown silty loam		
	9-50	10YR6/4 brownish yellow sand		
	50-71	2.5Y6/4 light yellowish brown sand		

																													I									
Comments																																						
Cultural Material																																						
Soil Description	10YR3/2 dark grayish brown sand	10YR5/2 grayish brown sandy clay loam		10YR7/1 light gray sand	10YR5/6 yellowish brown sand	10YR6/3 pale brown sand	2.5Y5/4 light olive brown sand with gravel	10YR3/2 dark grayish brown sand	10YR5/2 grayish brown sandy clay loam	2.5Y5/6 light olive brown sand	10YR7/1 light gray sand	10YR5/6 yellowish brown sand	10YR6/3 pale brown sand	2.5Y5/4 light olive brown sand with gravel	10YR3/3 dark brown silty loam	10YR5/2 grayish brown sandy clay loam	2.5Y5/6 light olive brown sand	10YR7/1 light gray sand	10YRS/6 yellowish brown sand	10YR6/3 pale brown sand	2.5Y5/4 light olive brown sand with gravel	10YR3/3 dark brown silty loam	10YR5/2 grayish brown sandy clay loam	2.5Y5/6 light olive brown sand	10YR7/1 light gray sand	10YR5/6 yellowish brown sand	10YR6/3 pale brown sand	2.5Y5/4 light olive brown sand with gravel	10YR3/3 dark brown silty loam	10YR5/2 grayish brown sandy clay loam	2.5Y5/6 light olive brown sand	10YR5/6 yellowish brown sand	10YR6/3 pale brown sand	2.5Y5/4 light olive brown sand with gravel	10YR3/3 dark brown silty loam	10YR5/8 yellowish brown sandy silt	10YR6/6 brownish vellow sand	Dillo III Comment of the Comment of
Deptu	0-2	2-3	3-11	11-15	15-55	55-70	70-81	0-3	3-6	6-14	14-17	17-60	29-09	67-75	0-3	3-5	5-12	12-18	18-58	89-89	62-89	0-3	3-5	5-11	11-19	19-59	59-65	65-72	0-2	2-5	5-13	13-49	49-60	62-09	0-7	7-21	21-32	
Level	1	2	3	4	5	9	7	-	2	3	4	2	9	7	-	2	3	4	5	9	7	-	2	3	4	5	9	7	1	2	3	4	5	9	_	2	3	
SIO	4							5							9							7							∞						6			
Iransect	11							=							=							=							=						11			

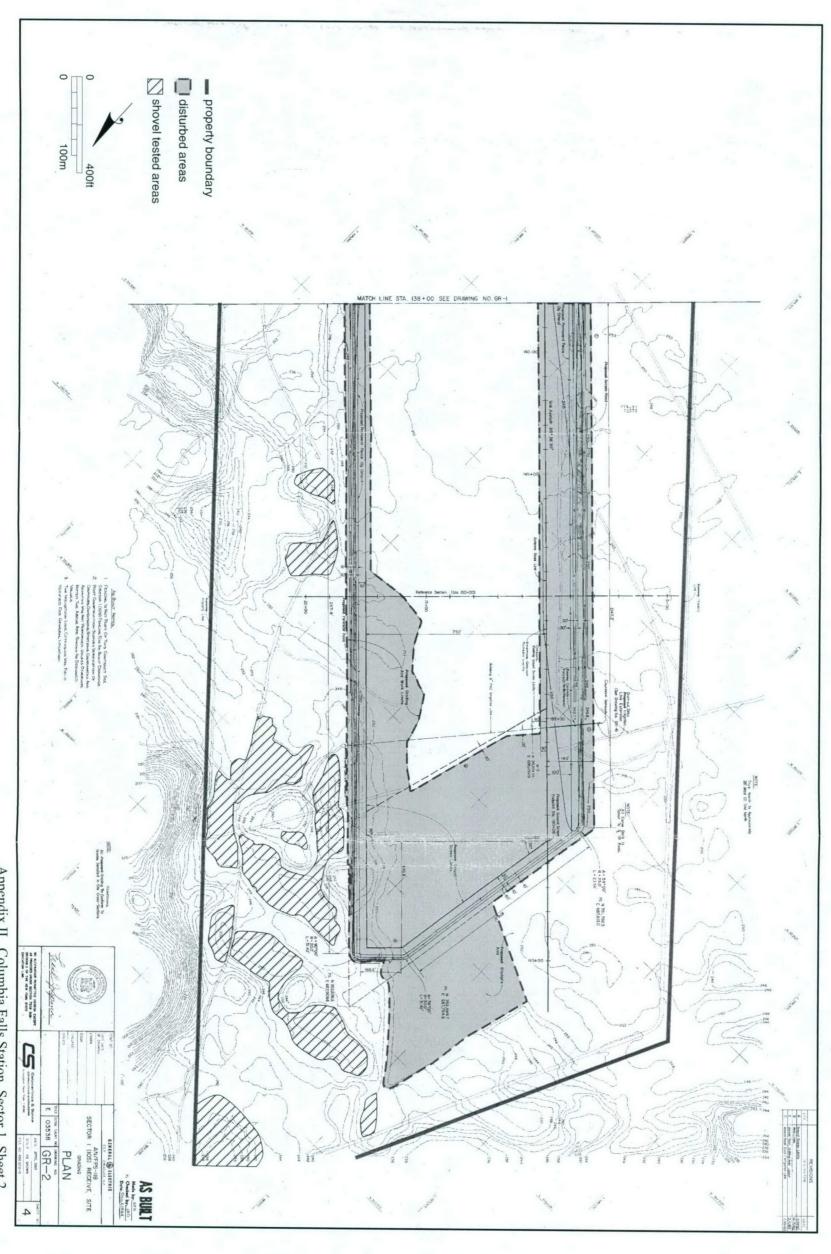
			4																											0							
Comments																																					
Cultural Material																																					
Soil Description	10YR3/3 dark brown silty loam	10YR5/2 grayish brown sandy clay loam	2.5Y5/6 light olive brown sand	10YR5/6 yellowish brown sand		2.5Y5/4 light olive brown sand with gravel	10YR3/3 dark brown silty loam	10YR5/8 yellowish brown sandy silt	10YR6/6 brownish yellow sand	2.5Y5/4 light olive brown sand	10YR3/3 dark brown silty loam	10YR5/8 yellowish brown sandy silt	10YR6/6 brownish yellow sand	2.5Y5/4 light olive brown sand	10YR5/2 grayish brown silty sandy			10YR3/3 dark brown silty loam with root mat	10YR3/2 dark grayish brown silt 10YR7/2 mottling	10YR6/8 brownish yellow sandy silt	2.5Y5/5 light olive brown coarse sand	10YR3/3 dark brown silty loam with root mat	10YR3/2 dark grayish brown silt	10YR6/8 brownish yellow sandy silt	2.5Y5/4 light olive brown coarse sand	10YR3/3 dark brown silty loam with root mat	10YR3/2 dark grayish brown silt		2.5Y5/4 light olive brown coarse sand	10YR3/6 dark yellowish brown gravel fill	10YR3/3 dark brown silty loam with root mat	10YR5/8 yellowish brown sandy silt	10YR6/6 brownish yellow sand	10YR3/3 dark brown silty loam with root mat	10YR3/2 dark grayish brown silt 10YR7/2 mottling		2.5Y5/5 light olive brown coarse sand
Depth	0-3	3-5	5-17	17-59	69-65	69-75	0-7	7-21	21-38	38-45	9-0	6-11	11-34	34-49	0-22	22-56	99-95	0-14	13-18	18-44	44-60	0-5	5-10	10-15	15-38	0-10	10-16	16-33	33-34	0-14	14-19	19-28	28-36	0-10	10-14	14-34	34-44
Level	1	2	3	4	5	9	1	2	3	4	-	2	3	4	1	2	3	1	2	3	4	_	2	3	4	_	2	3	4	_	2	3	4	1	2	3	4
SLO	10						11		dani.		-				2			3				4				2				9				7			
Transect	11						11				12				12			12				12				12				12				12			

APPENDIX II:

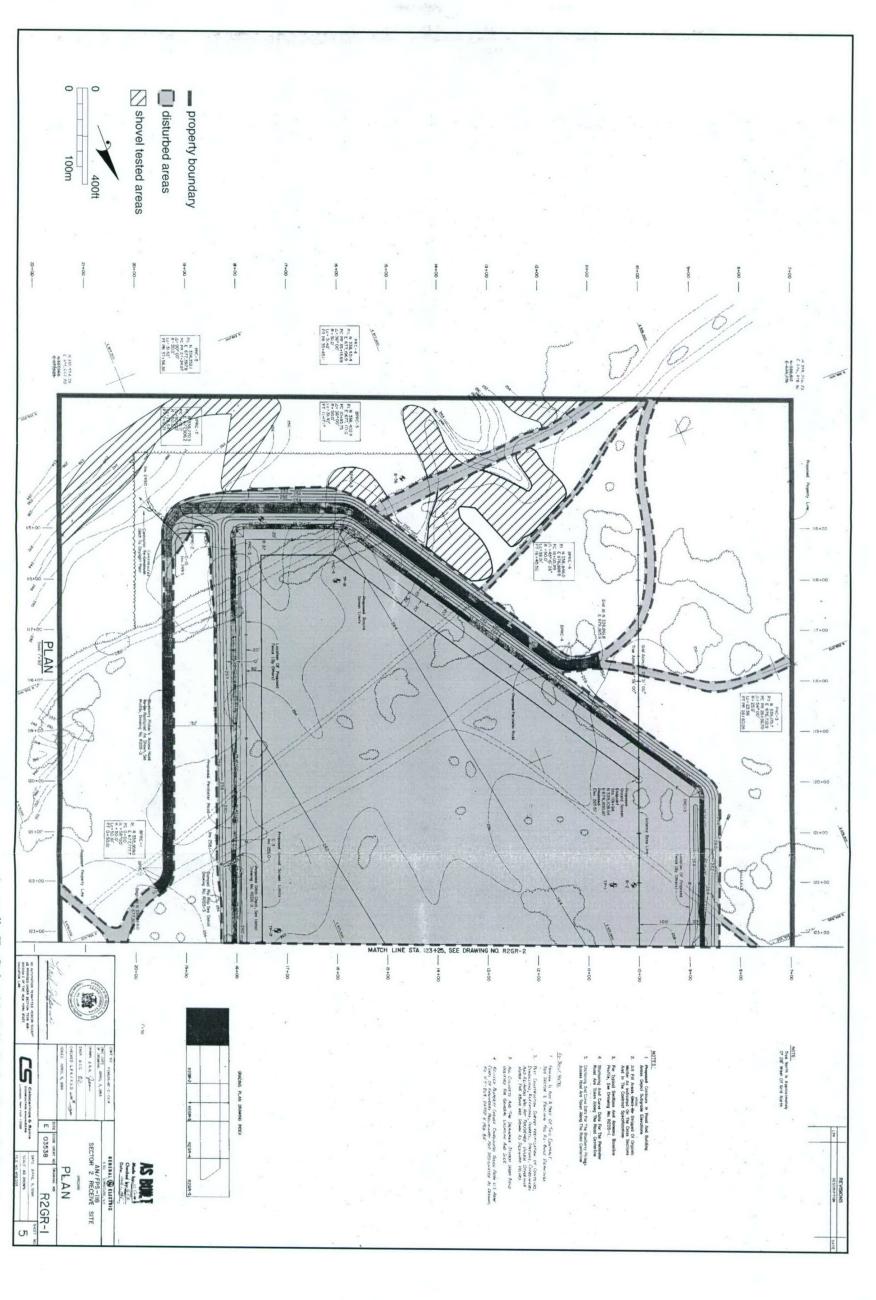
AS BUILT MAPS FOR THE COLUMBIA FALLS AND MOSCOW OTHB-E RADAR STATIONS



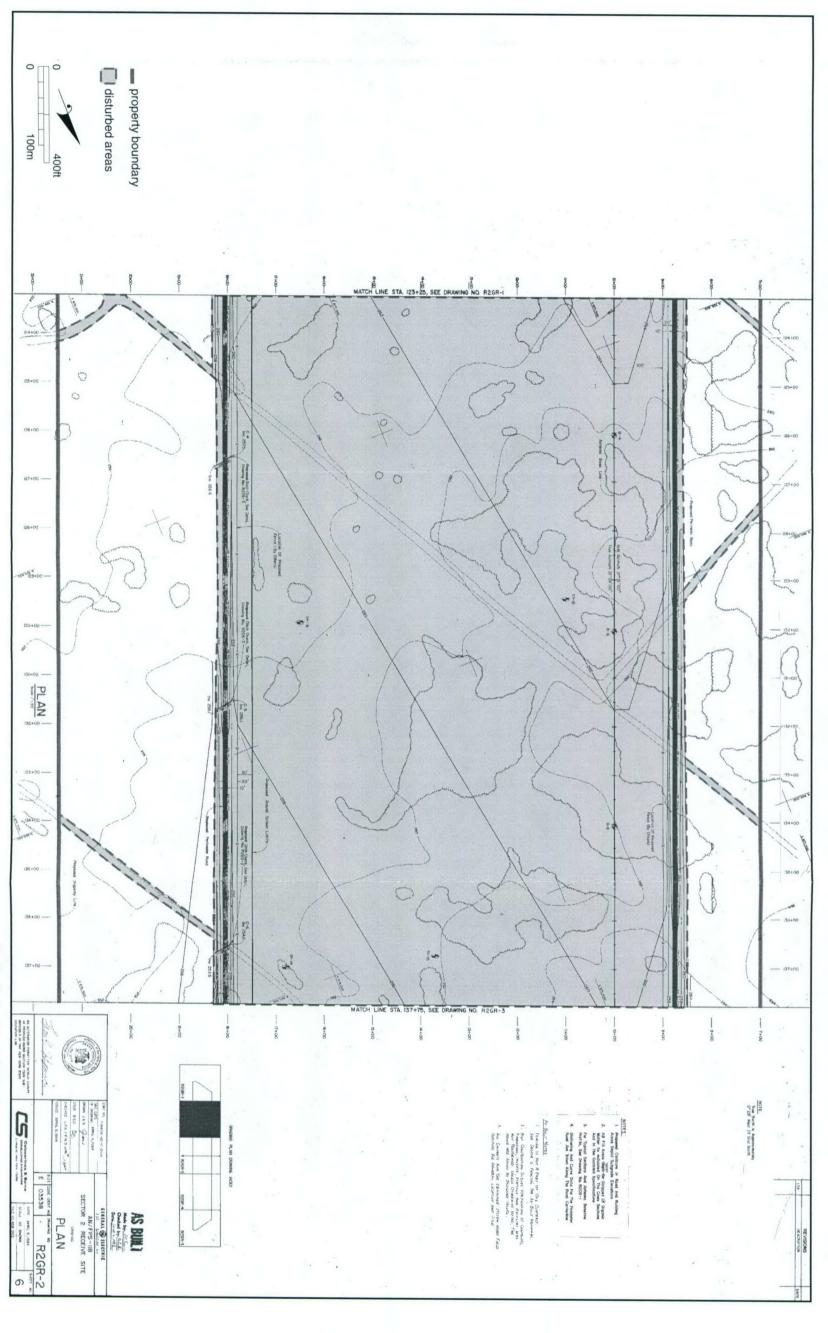
Appendix II. Columbia Falls Station, Sector 1, Sheet 1



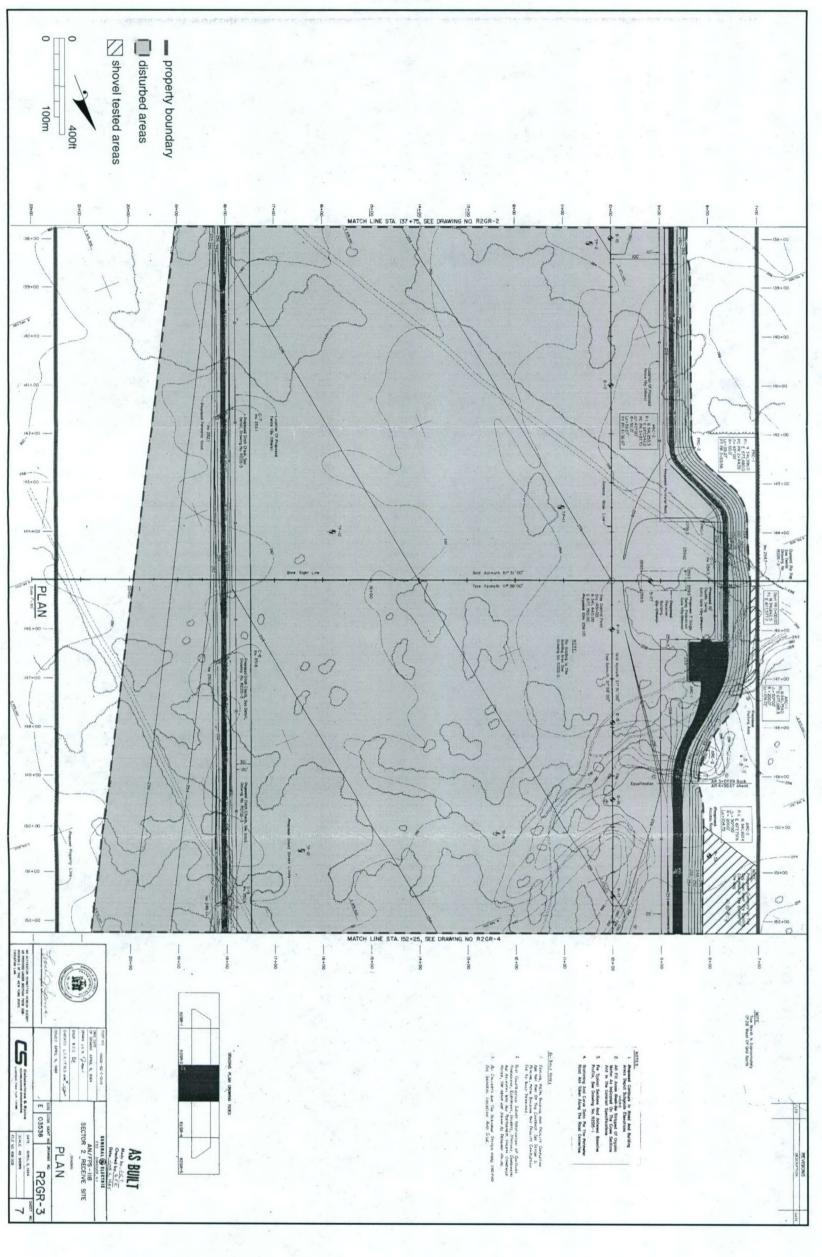
Appendix II. Columbia Falls Station, Sector 1, Sheet 2.



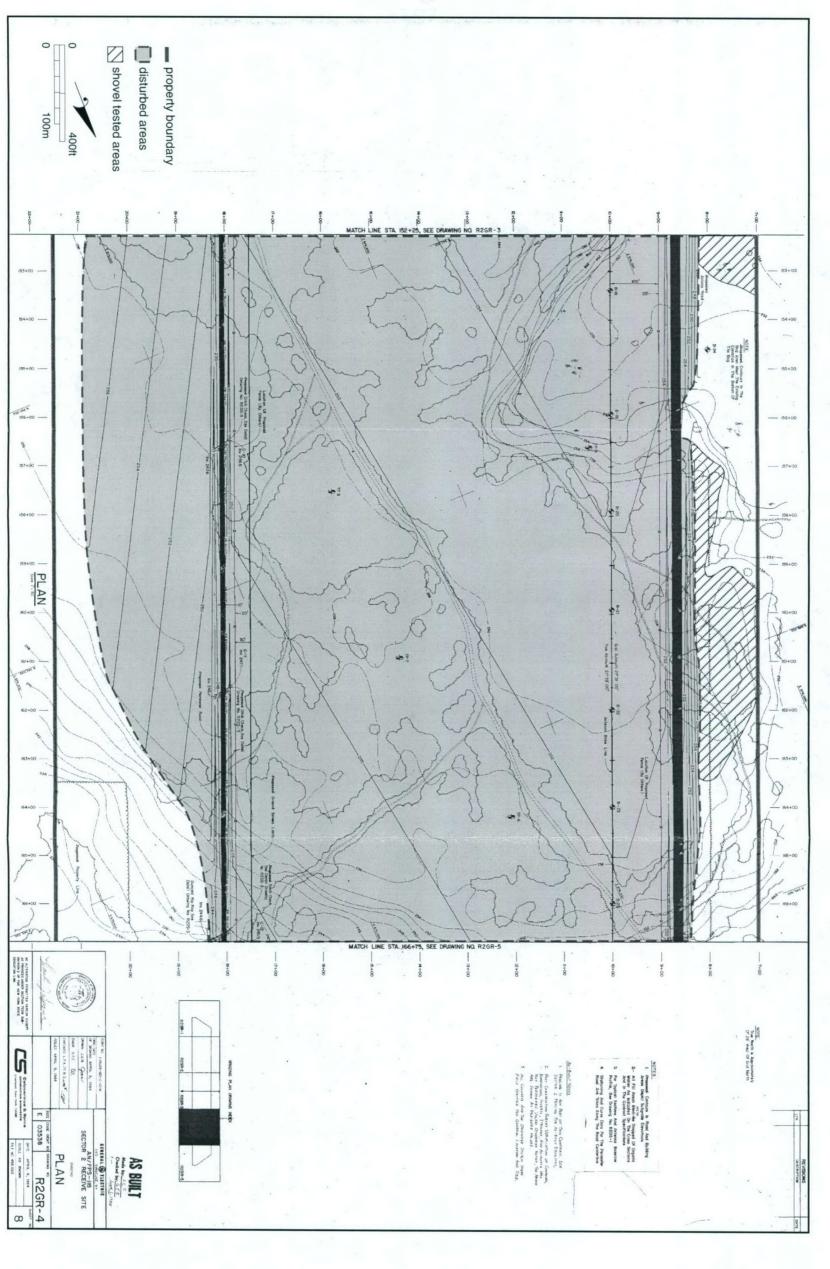
Appendix II. Columbia Falls Station, Sector 2, Sheet 1.



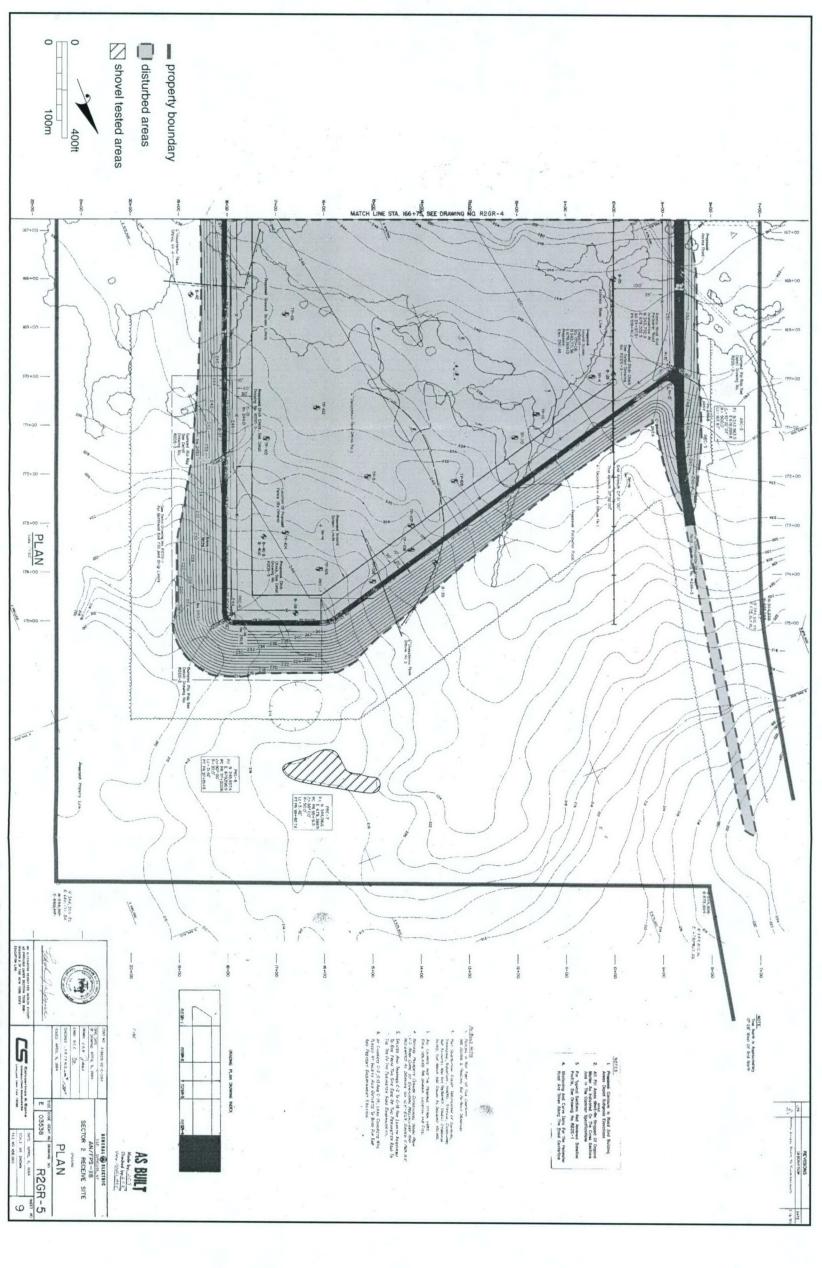
Appendix II. Columbia Falls Station, Sector 2, Sheet 2



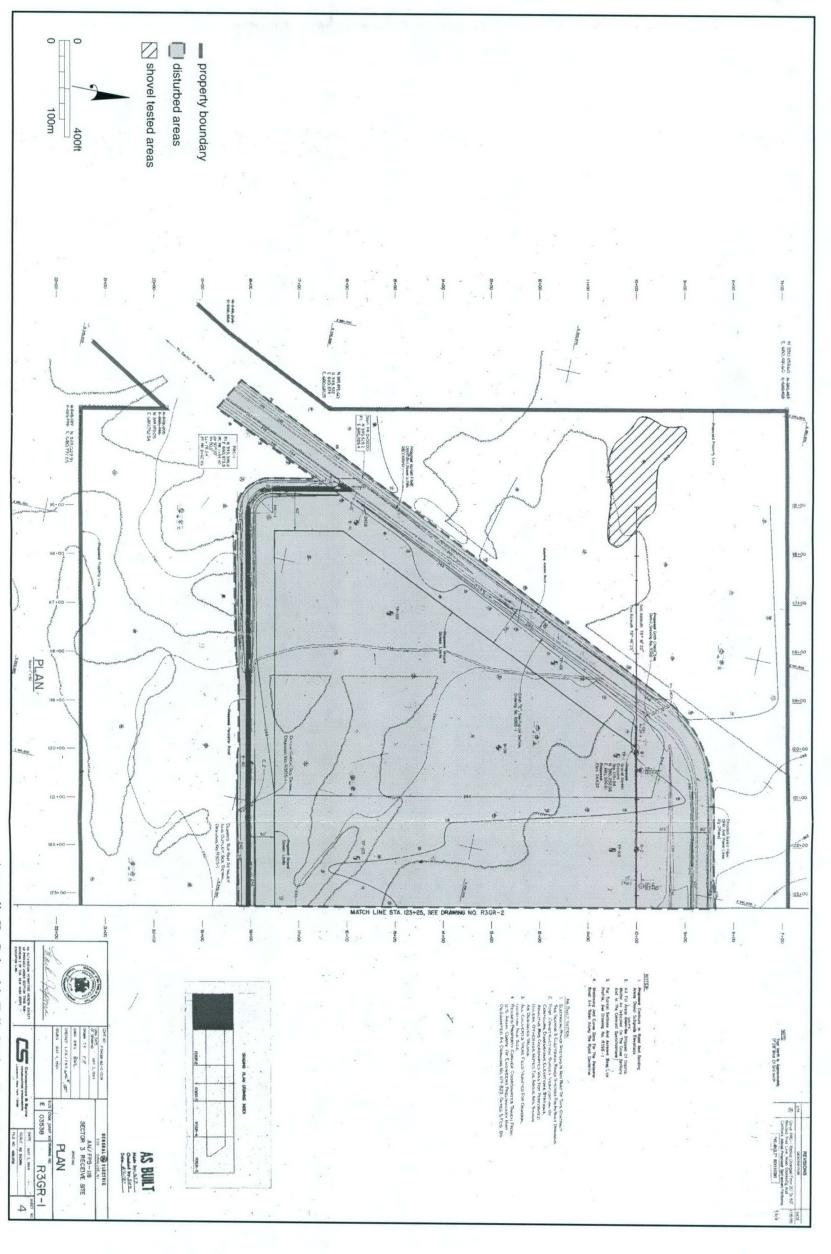
Appendix II. Columbia Falls Station, Sector 2, Sheet 3.



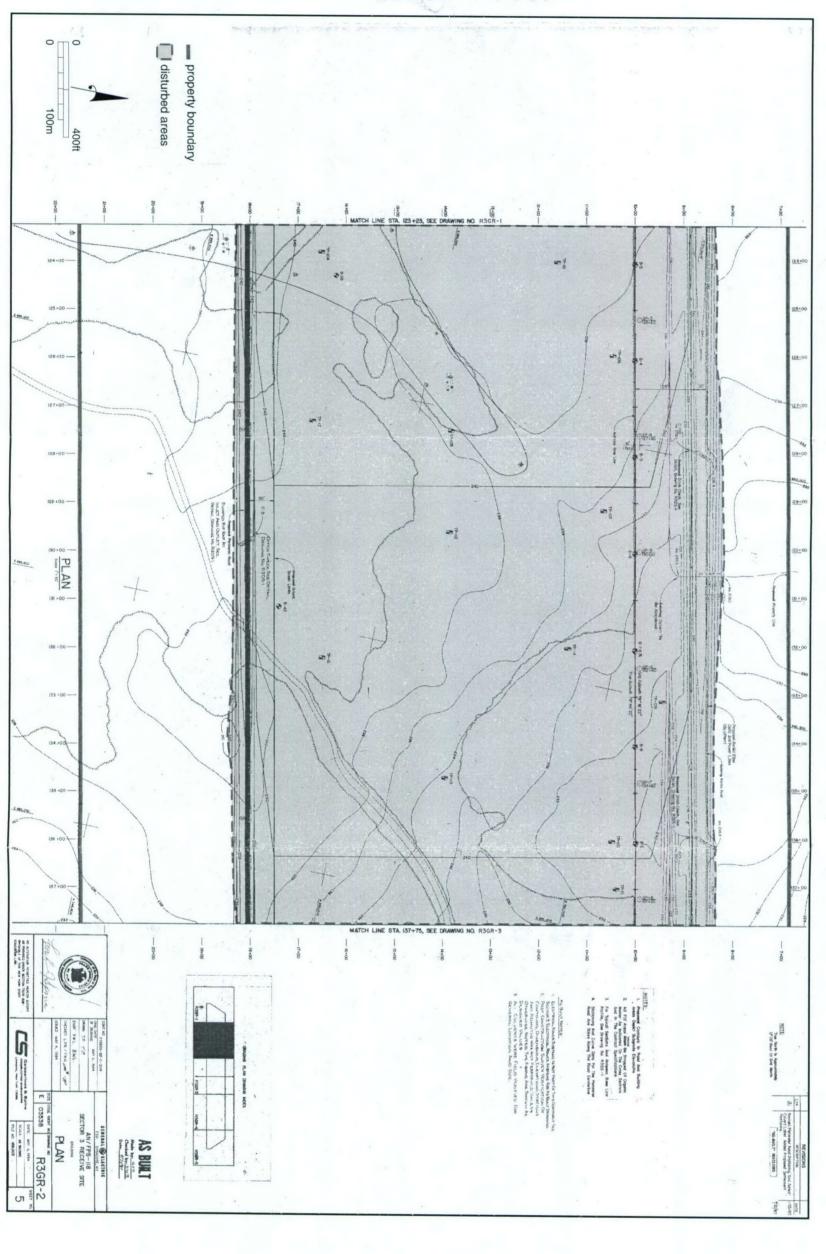
Appendix II. Columbia Falls Station, Sector 2, Sheet 4.



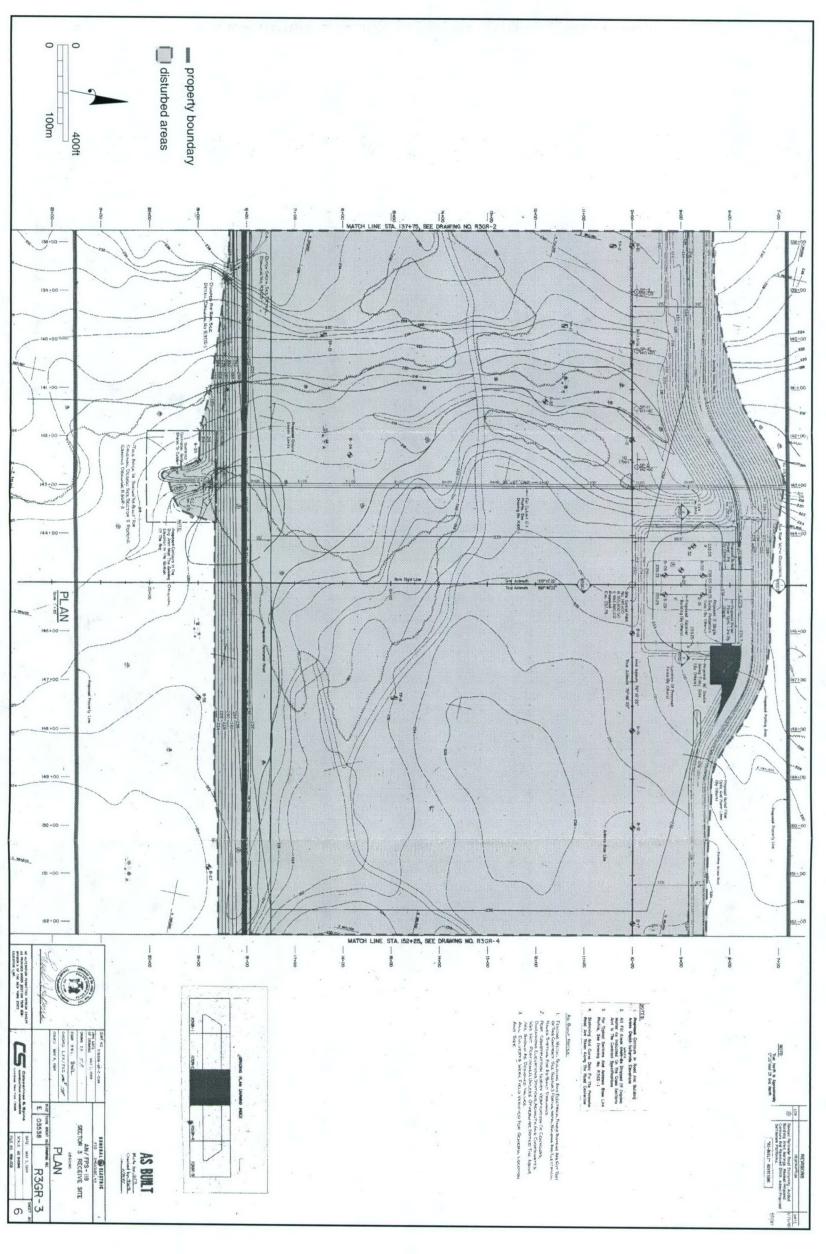
Appendix II. Columbia Falls Station, Sector 2, Sheet 5.



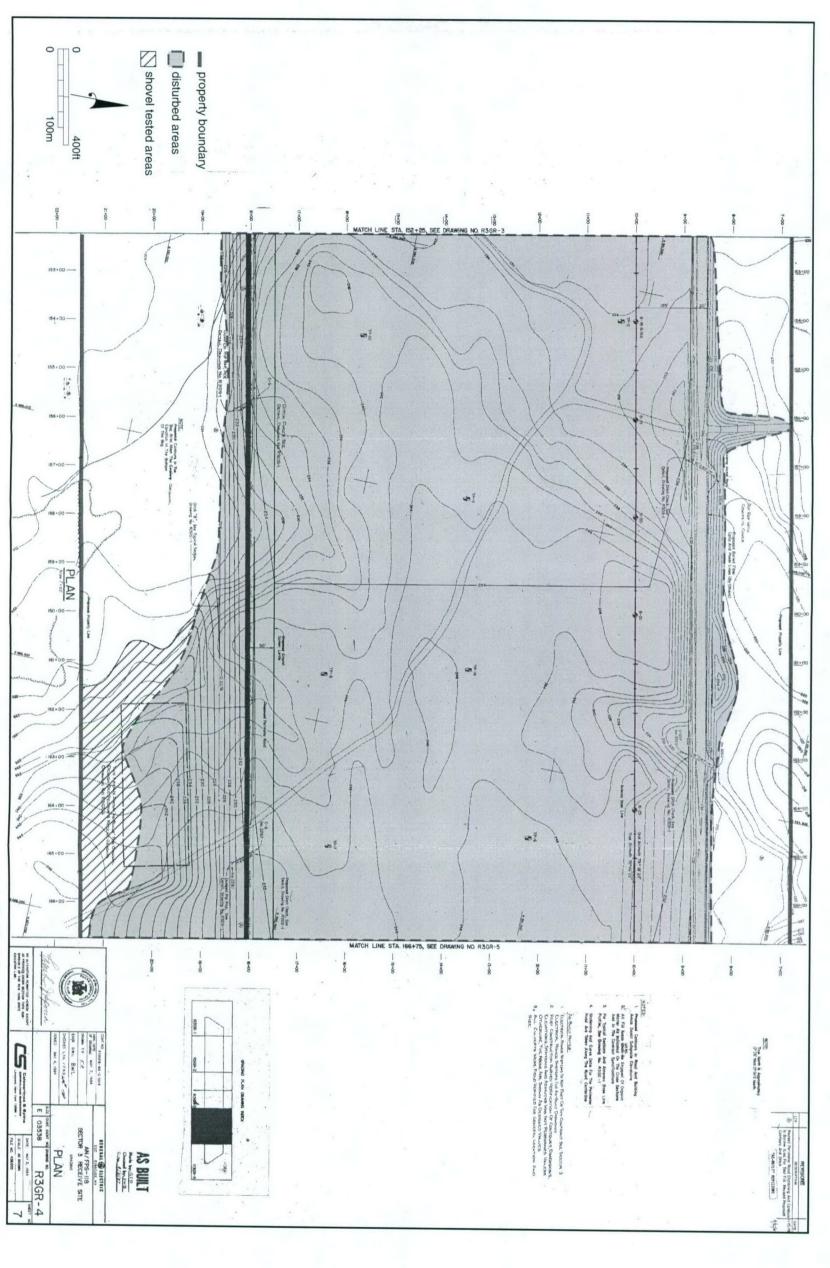
Appendix II. Columbia Falls Station, Sector 3, Sheet 1.



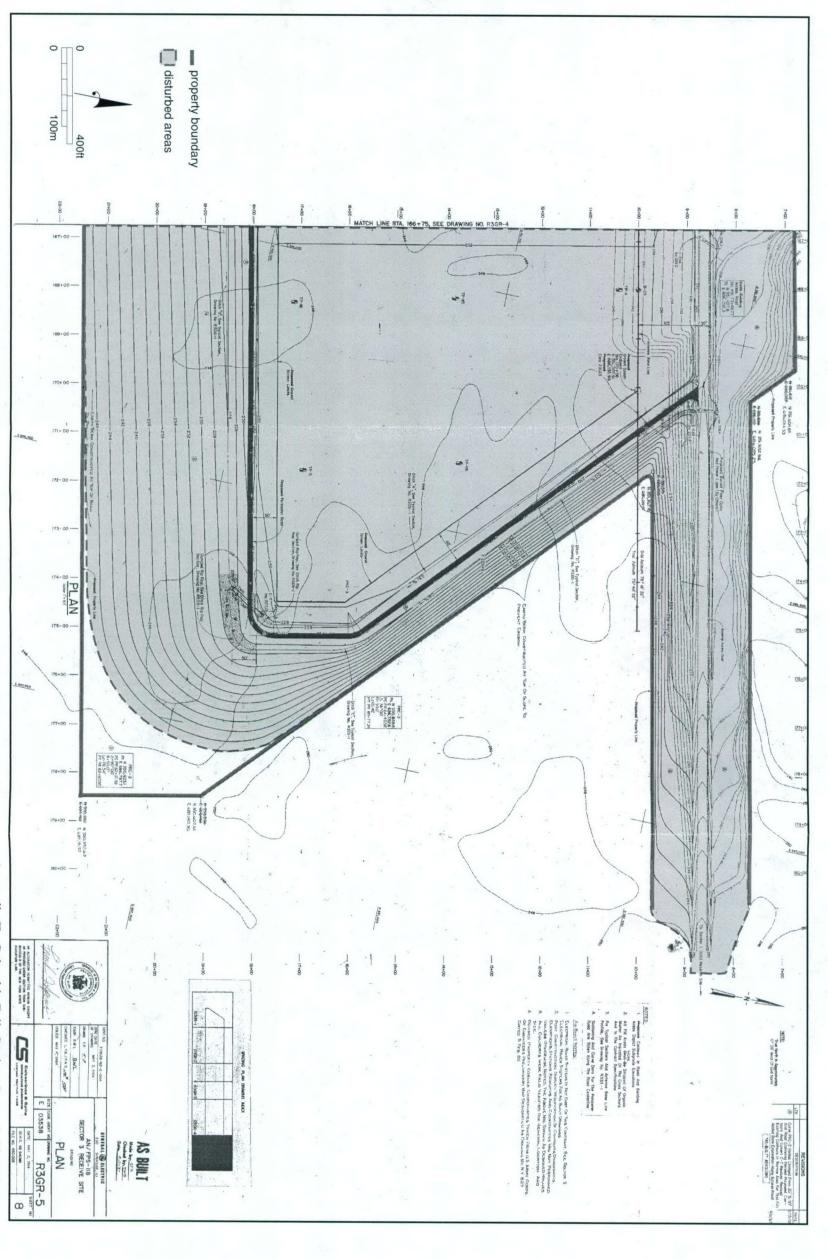
Appendix II. Columbia Falls Station, Sector 3, Sheet 2.



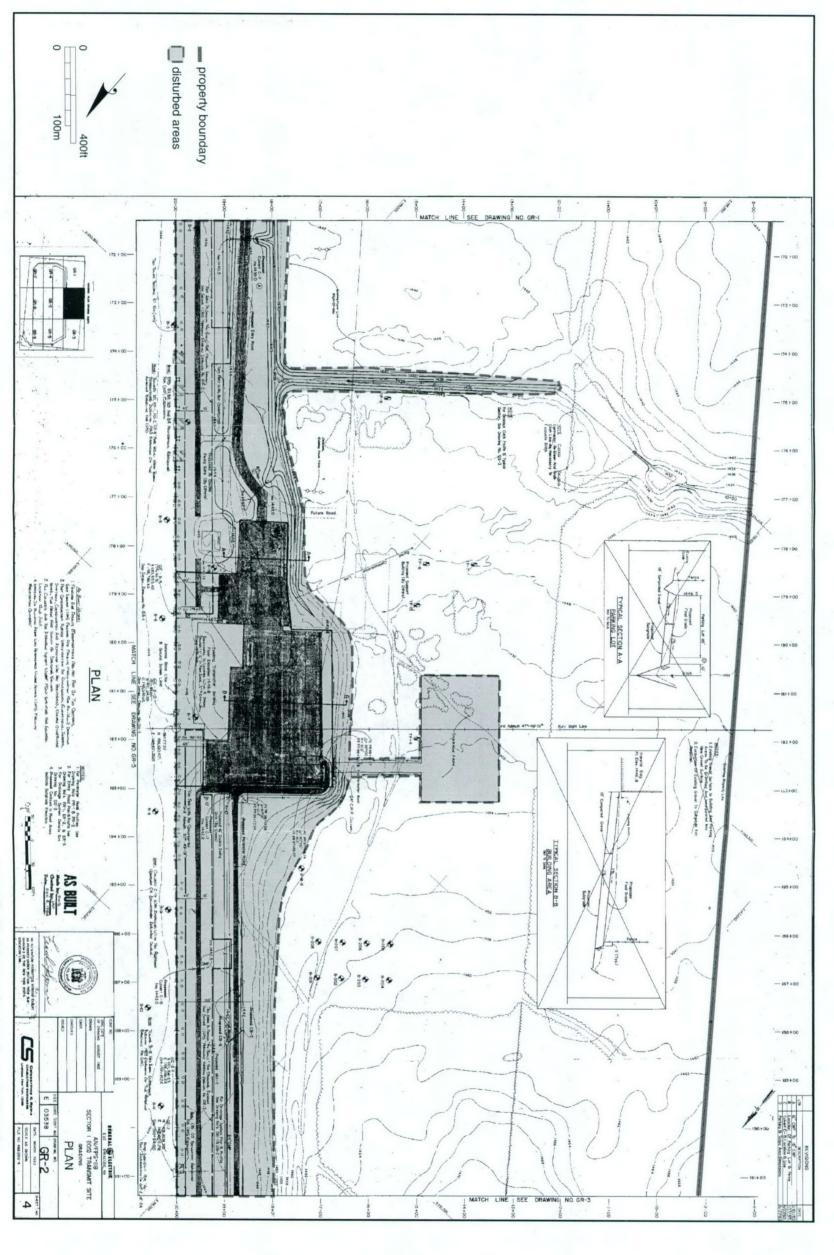
Appendix II. Columbia Falls Station, Sector 3, Sheet 3.



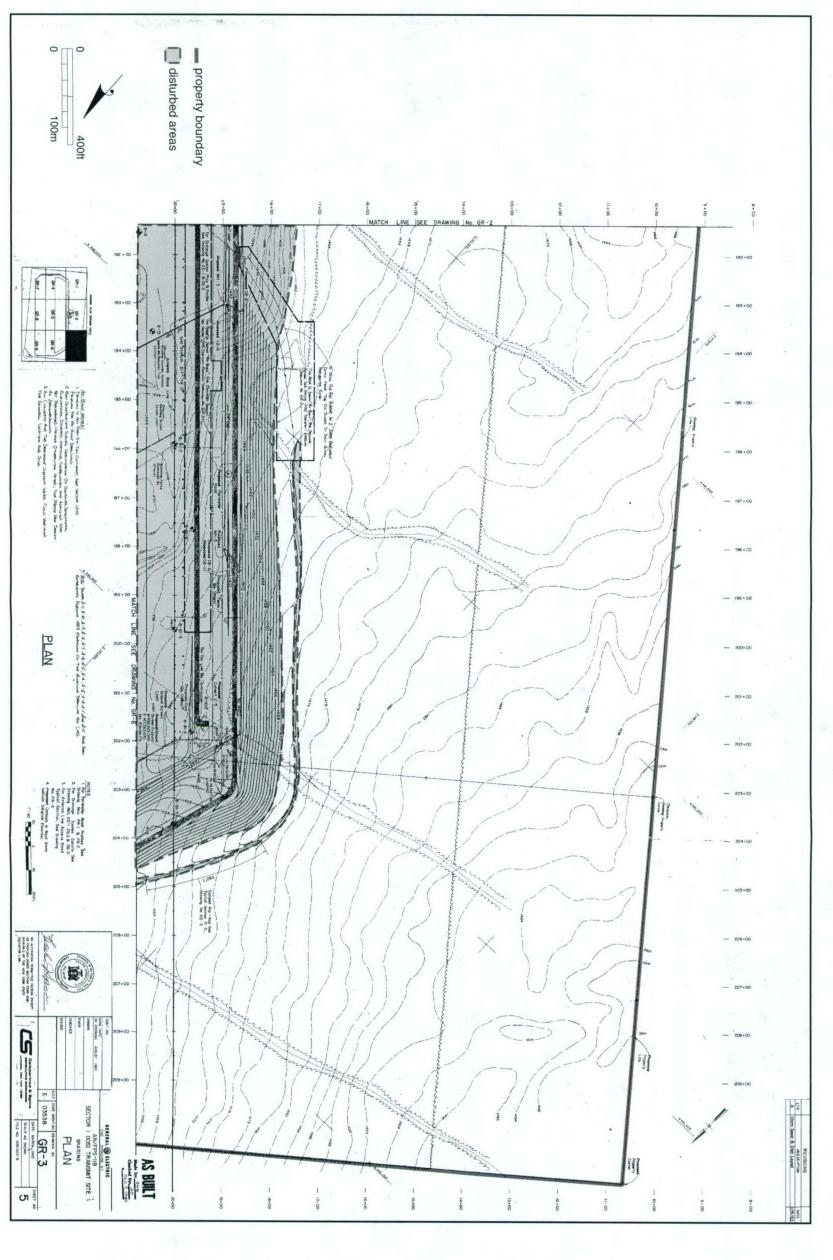
Appendix II. Columbia Falls Station, Sector 3, Sheet 4.



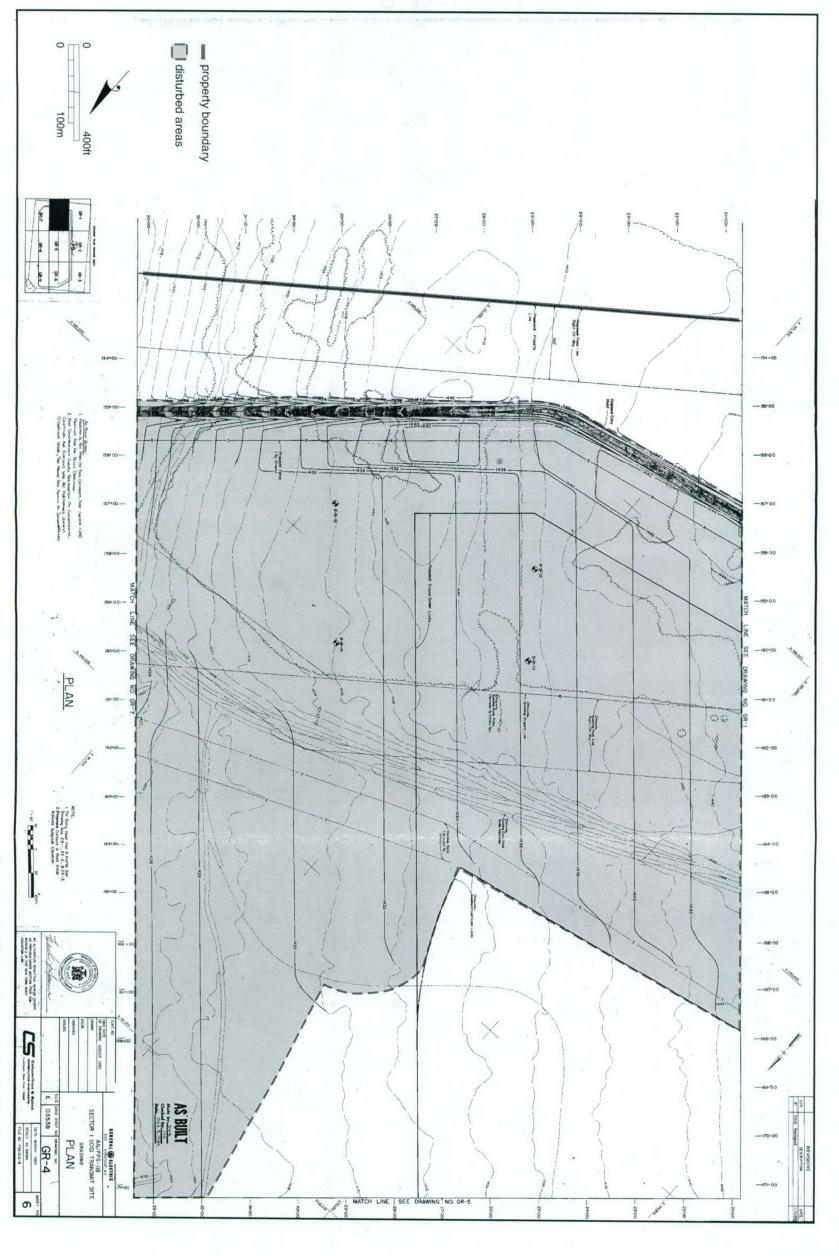
Appendix II. Columbia Falls Station, Sector 3, Sheet 5.



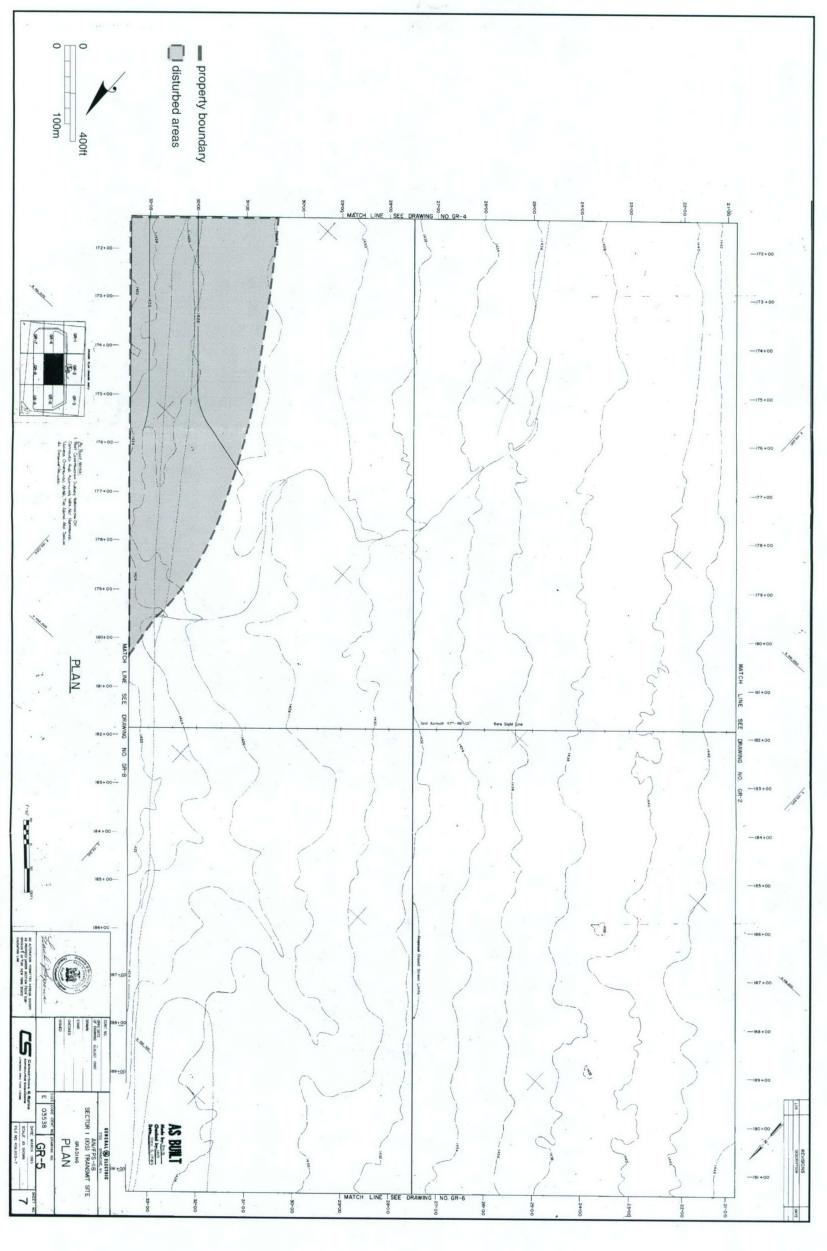
Appendix II. Moscow Station, Sector 1, Sheet 2.



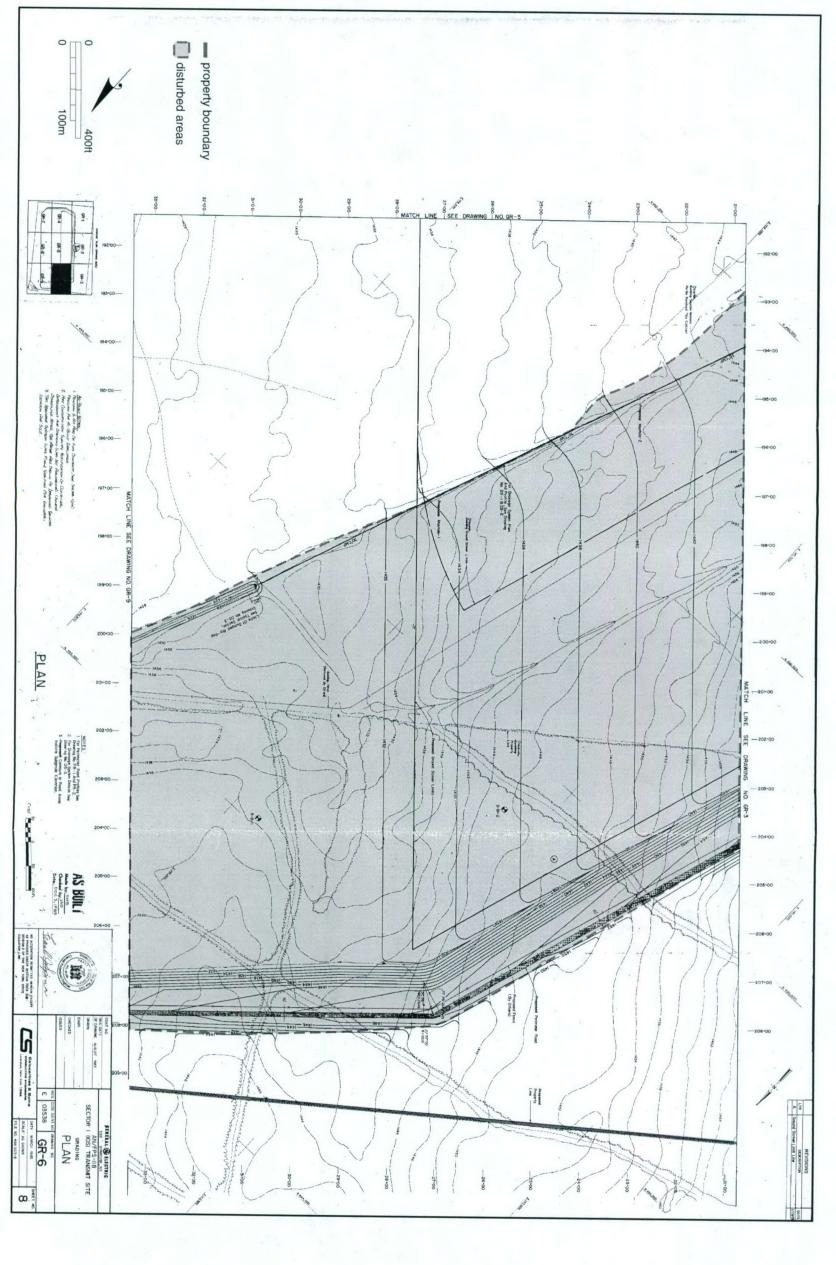
Appendix II. Moscow Station, Sector 1, Sheet 3.



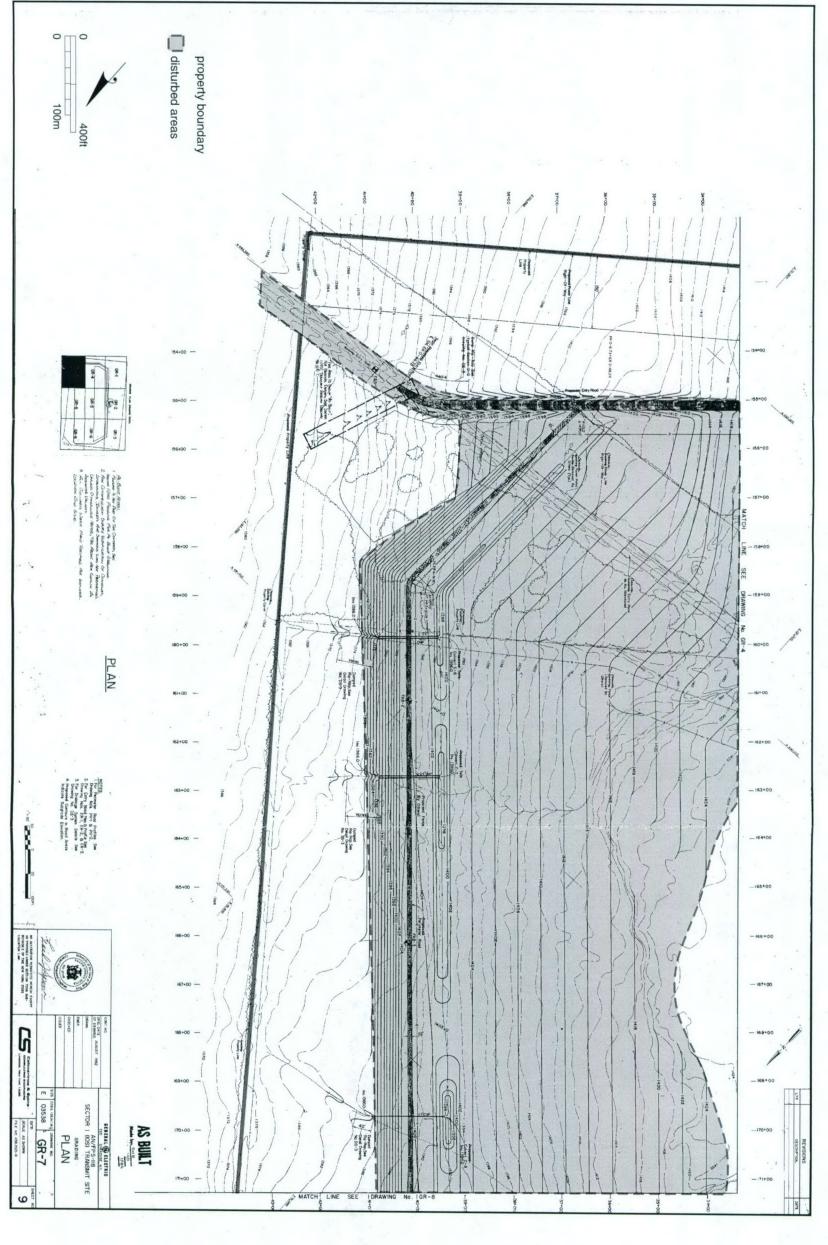
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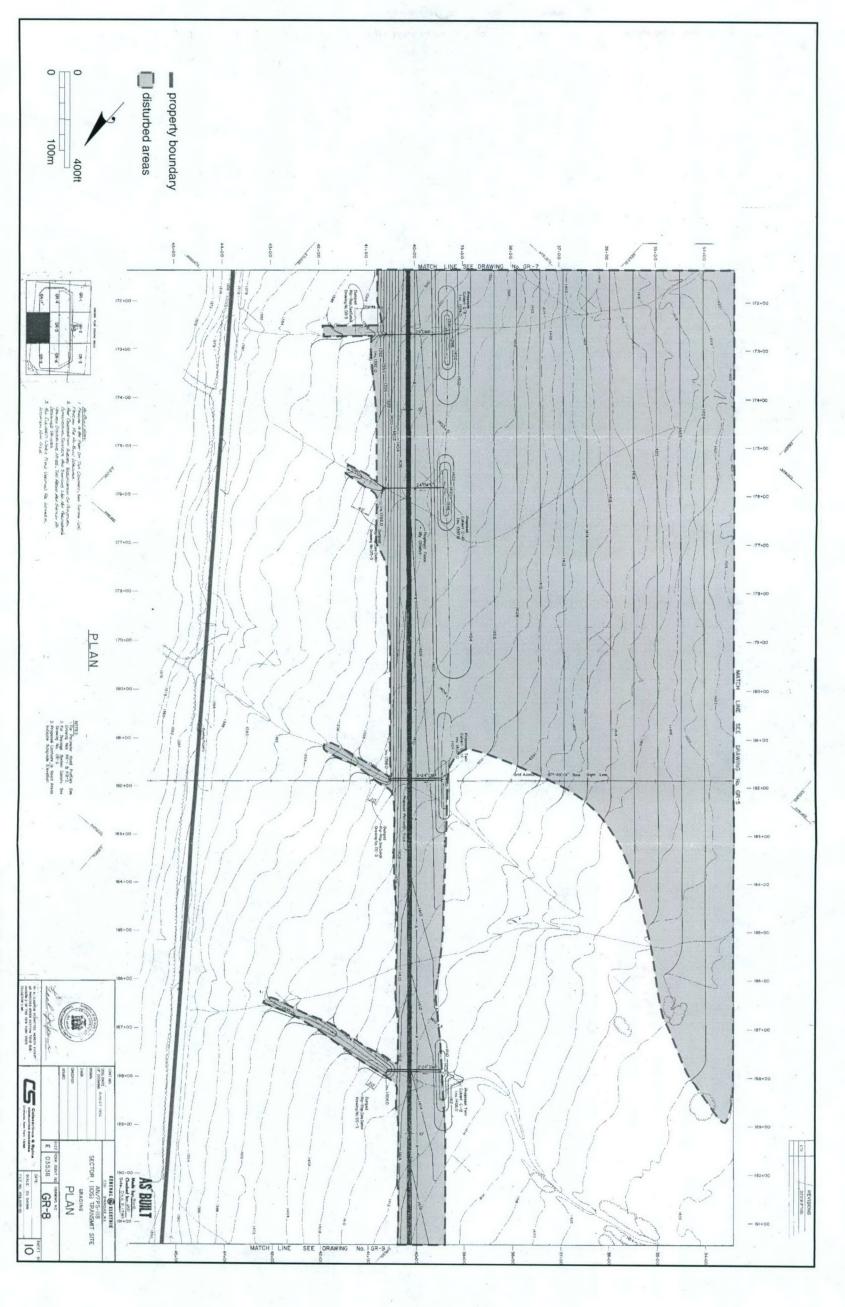
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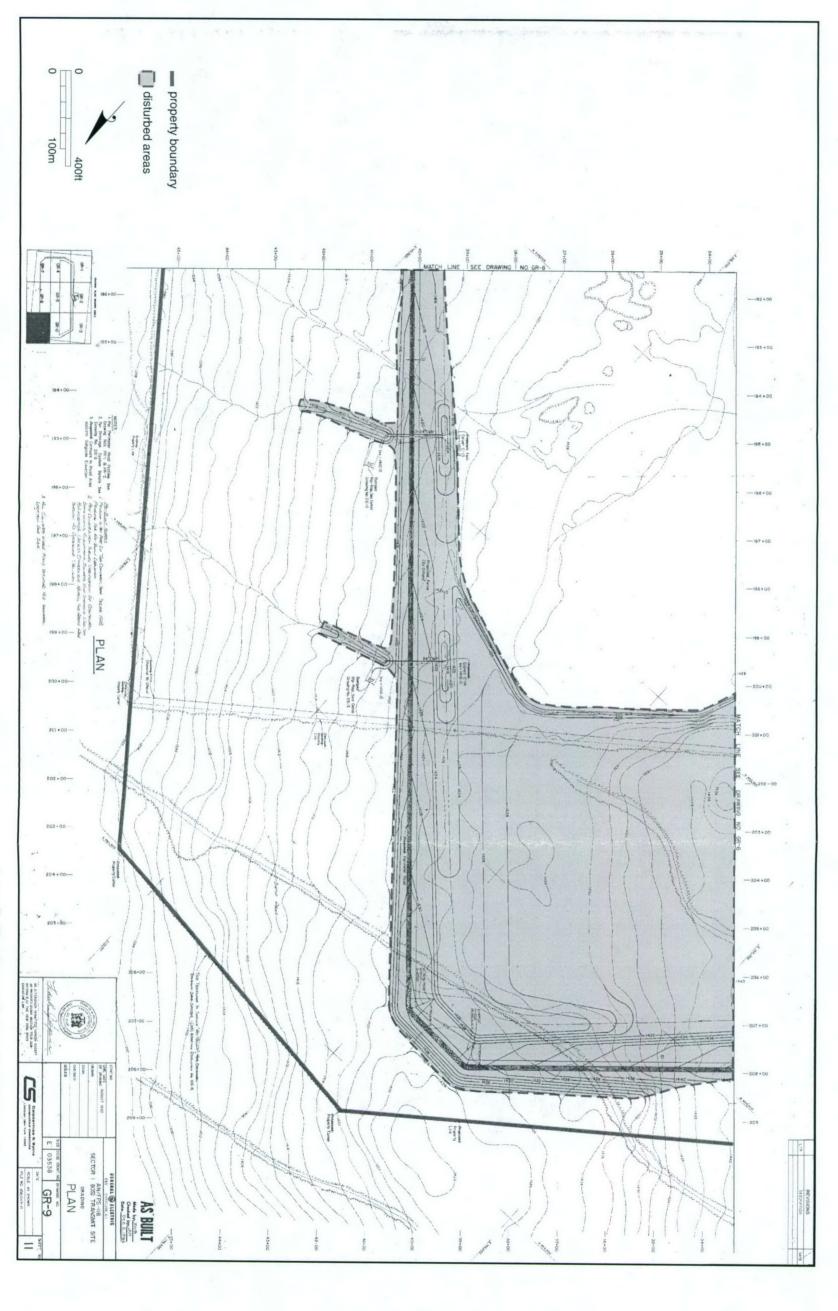
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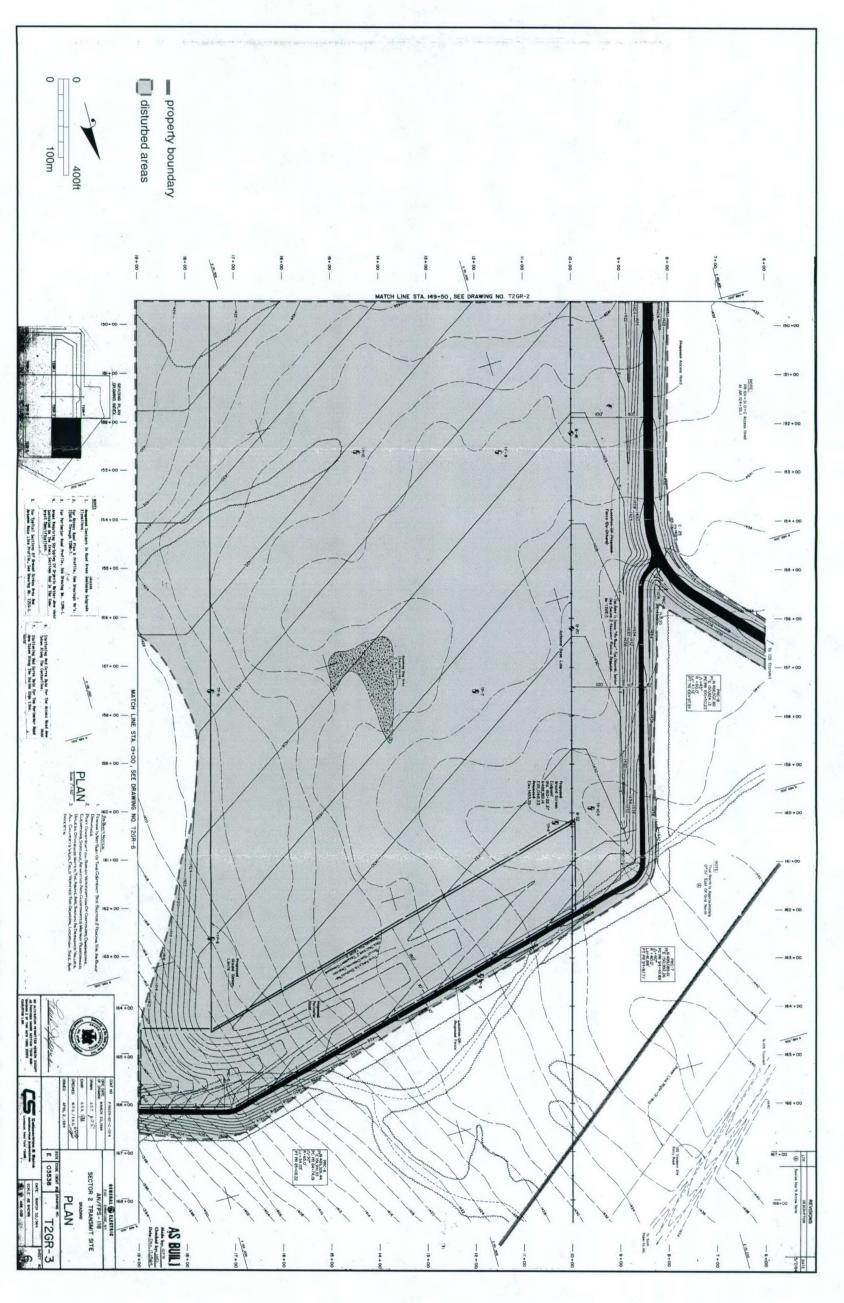
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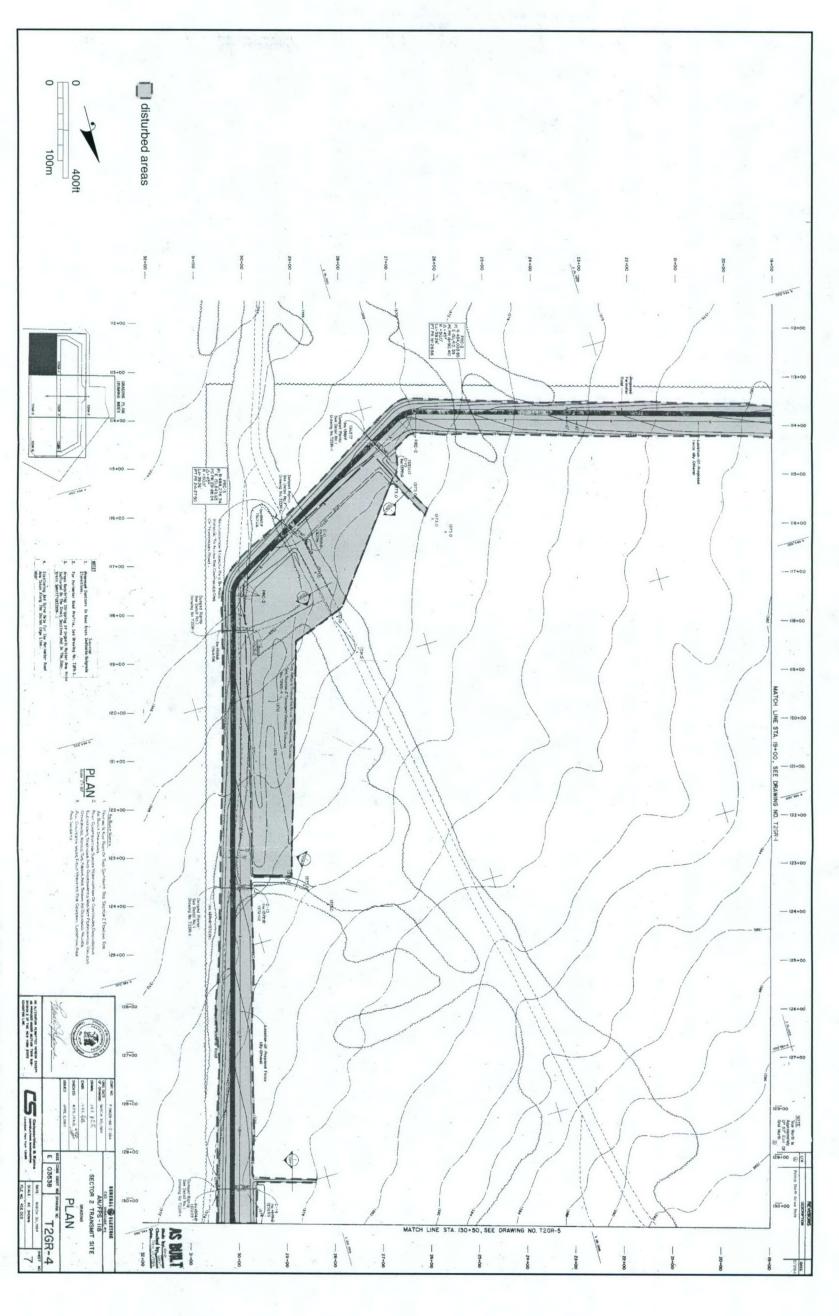
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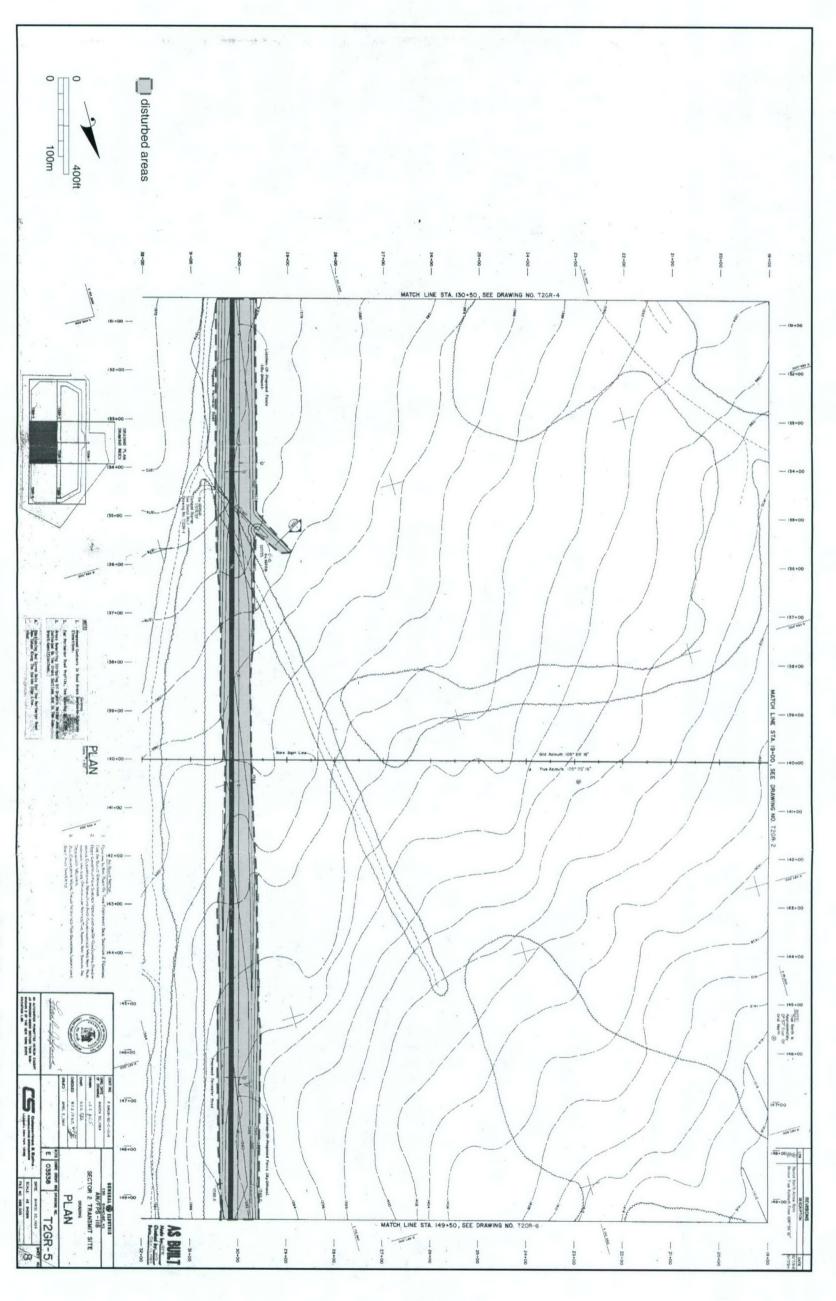
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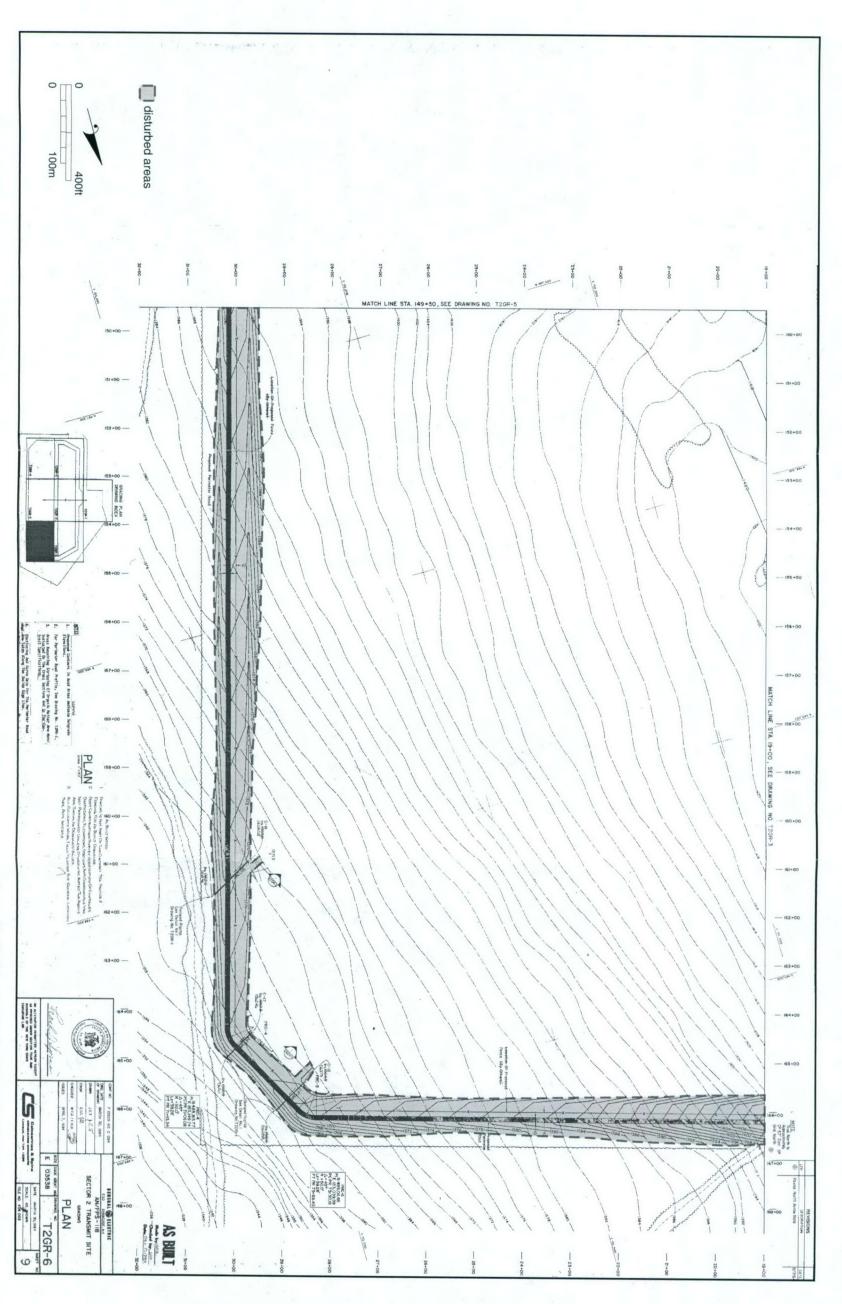
Appendix II. Moscow Station, Sector 2, Sheet 3.



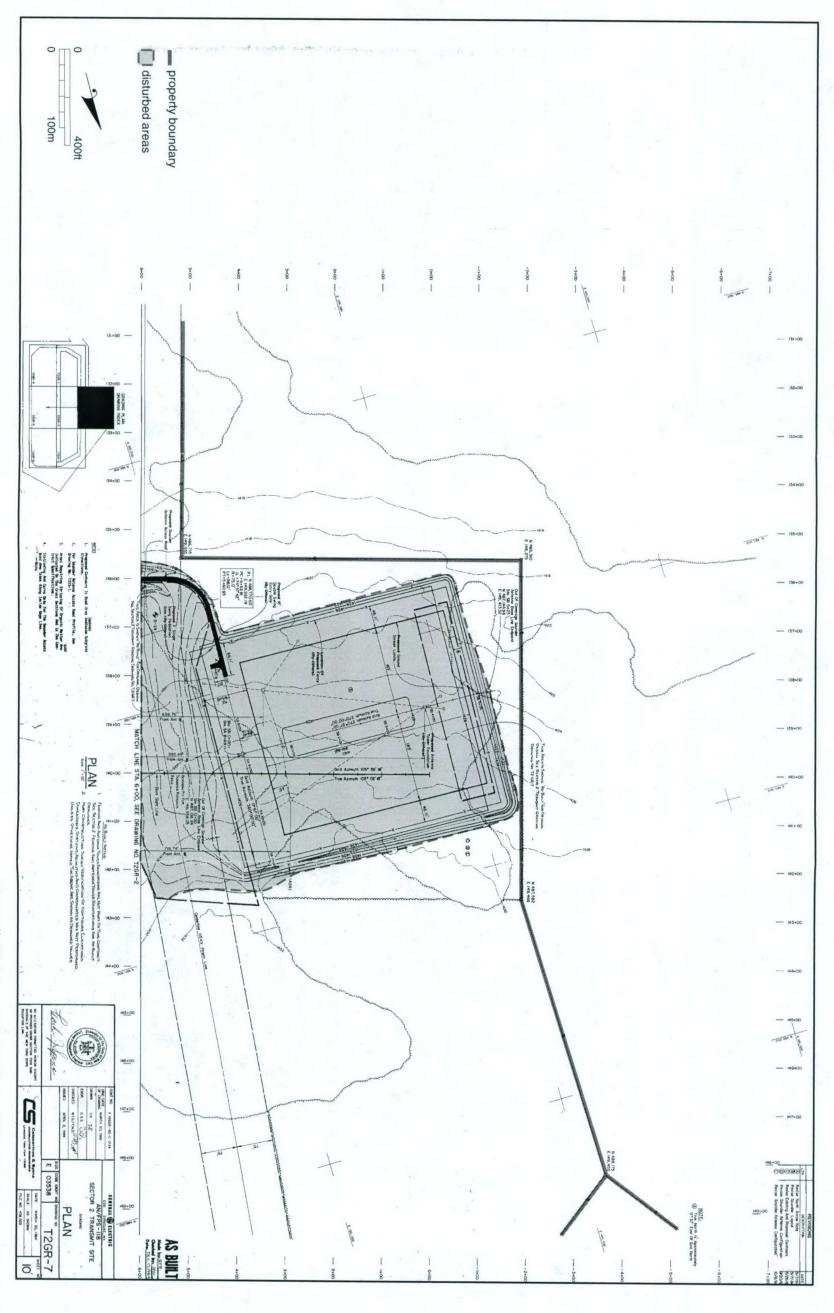
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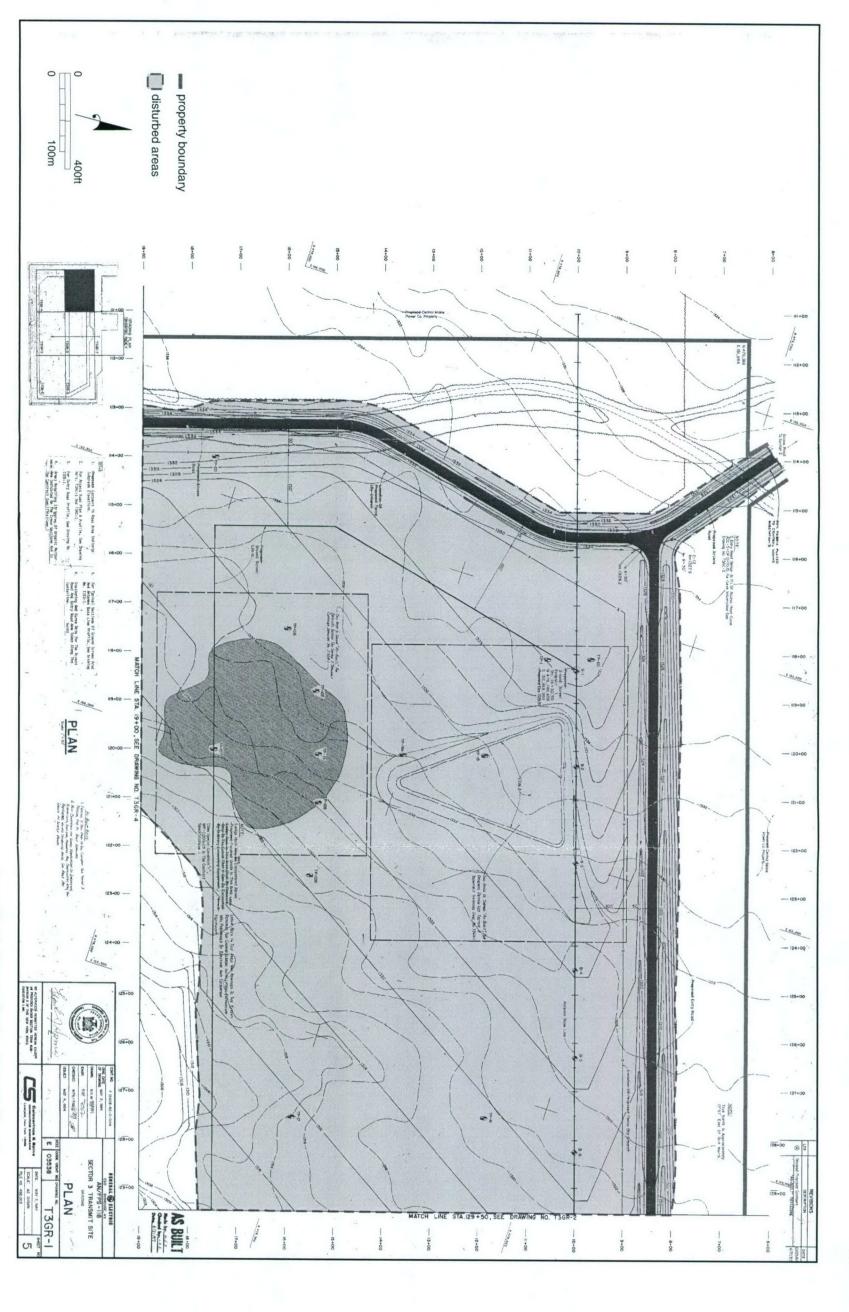
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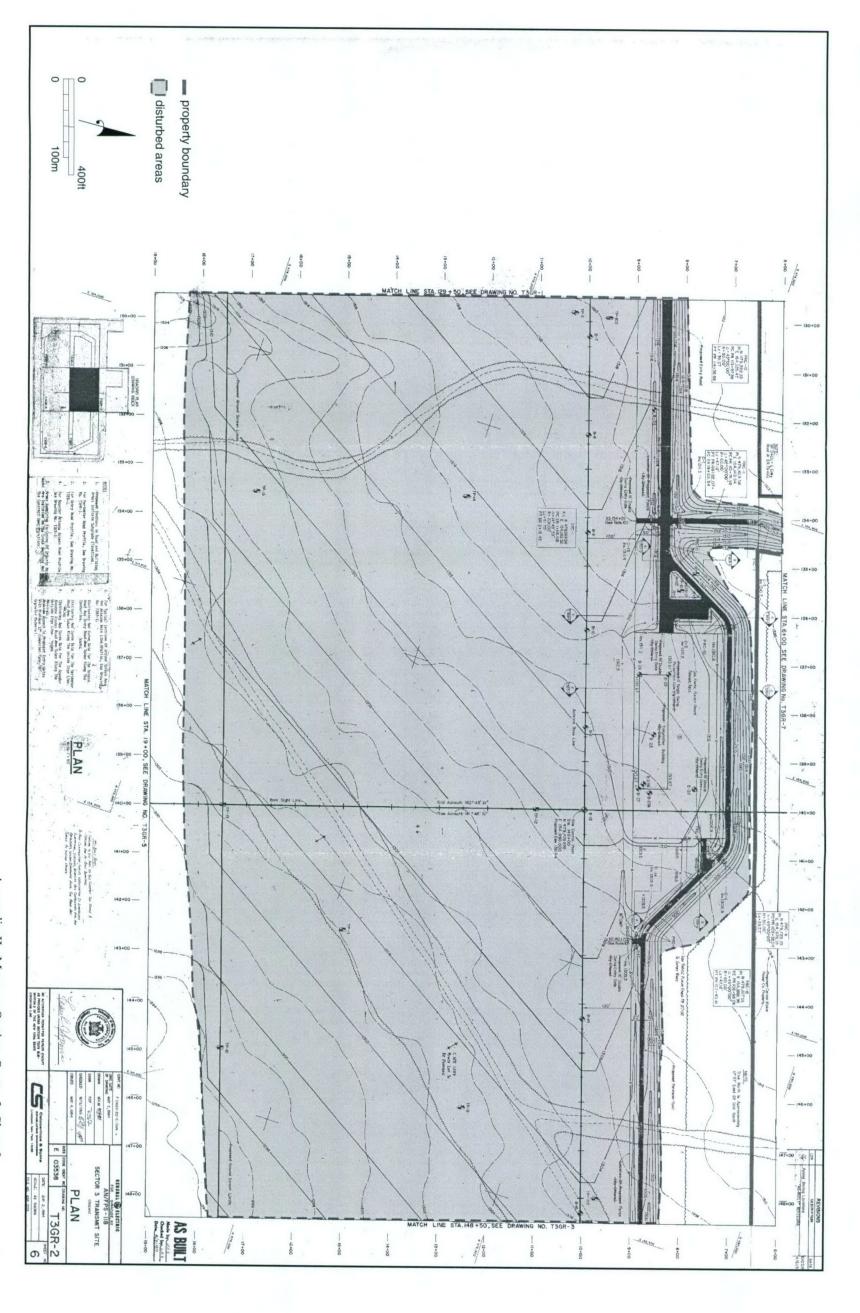
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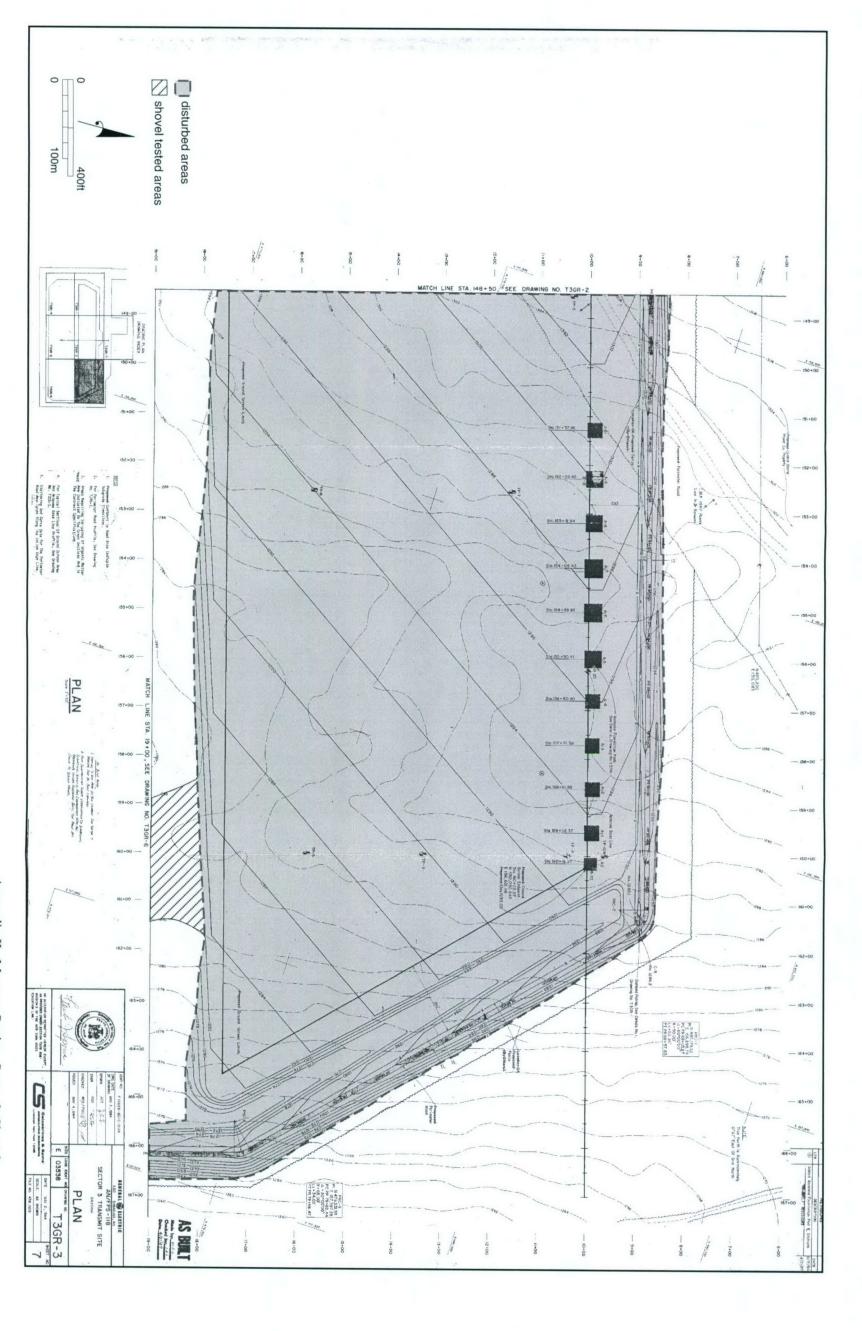
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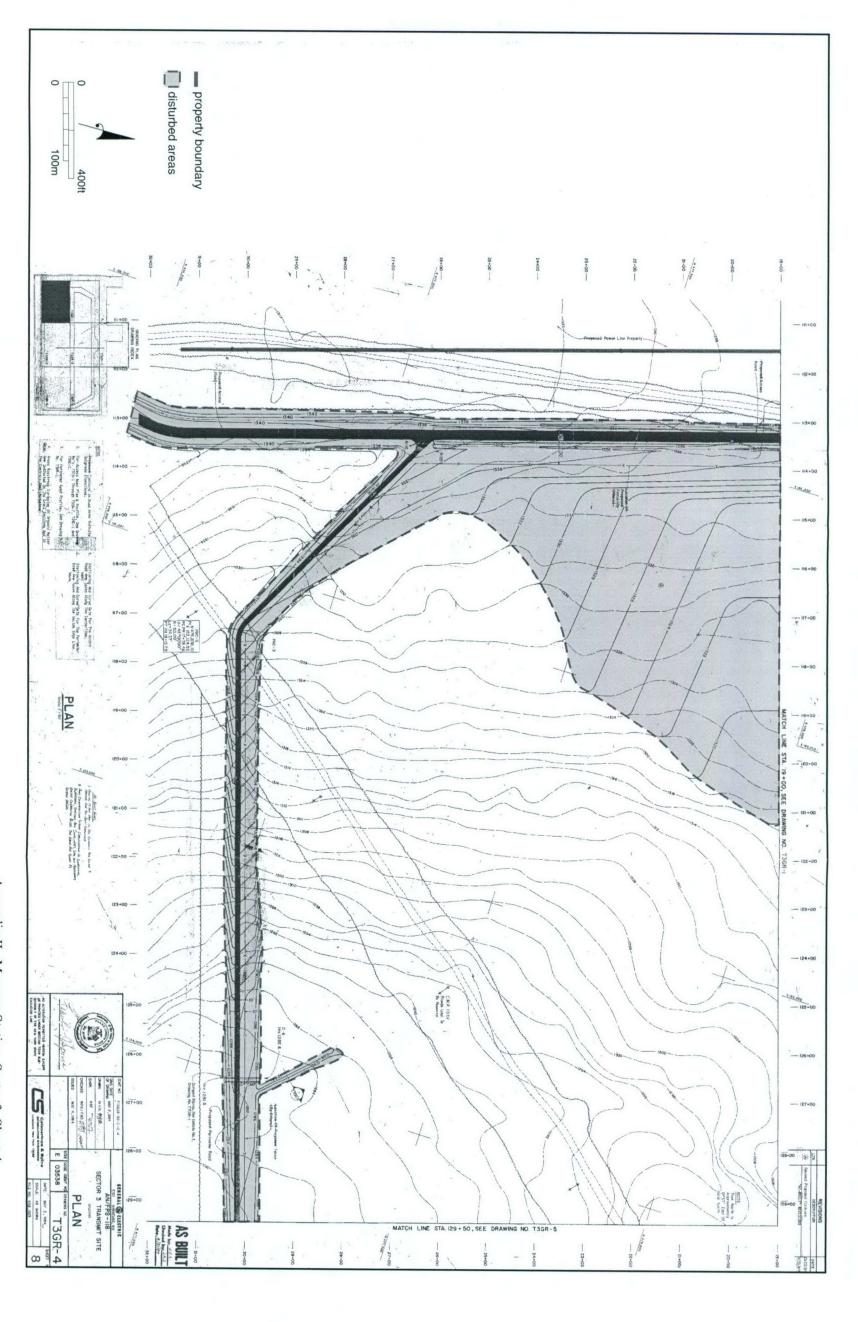
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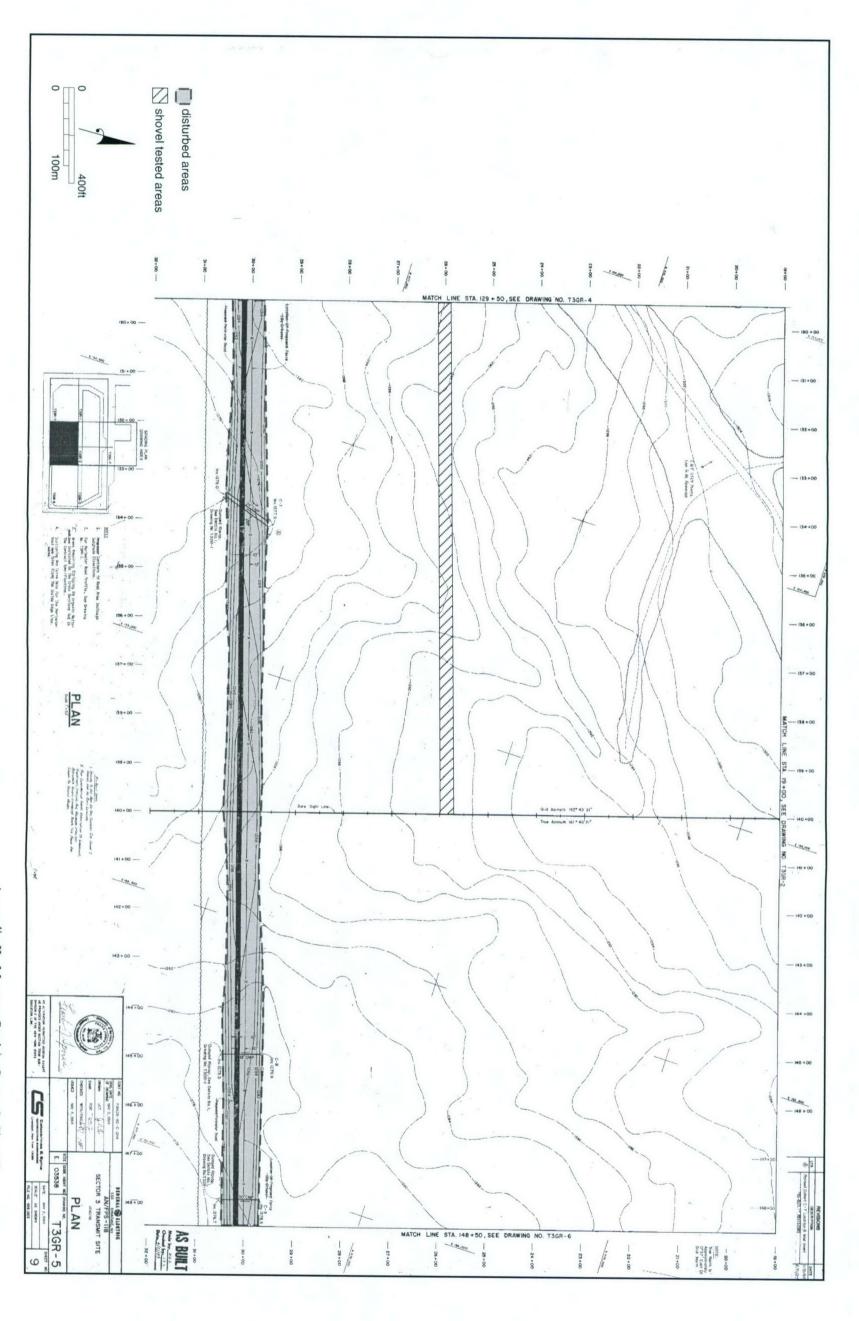
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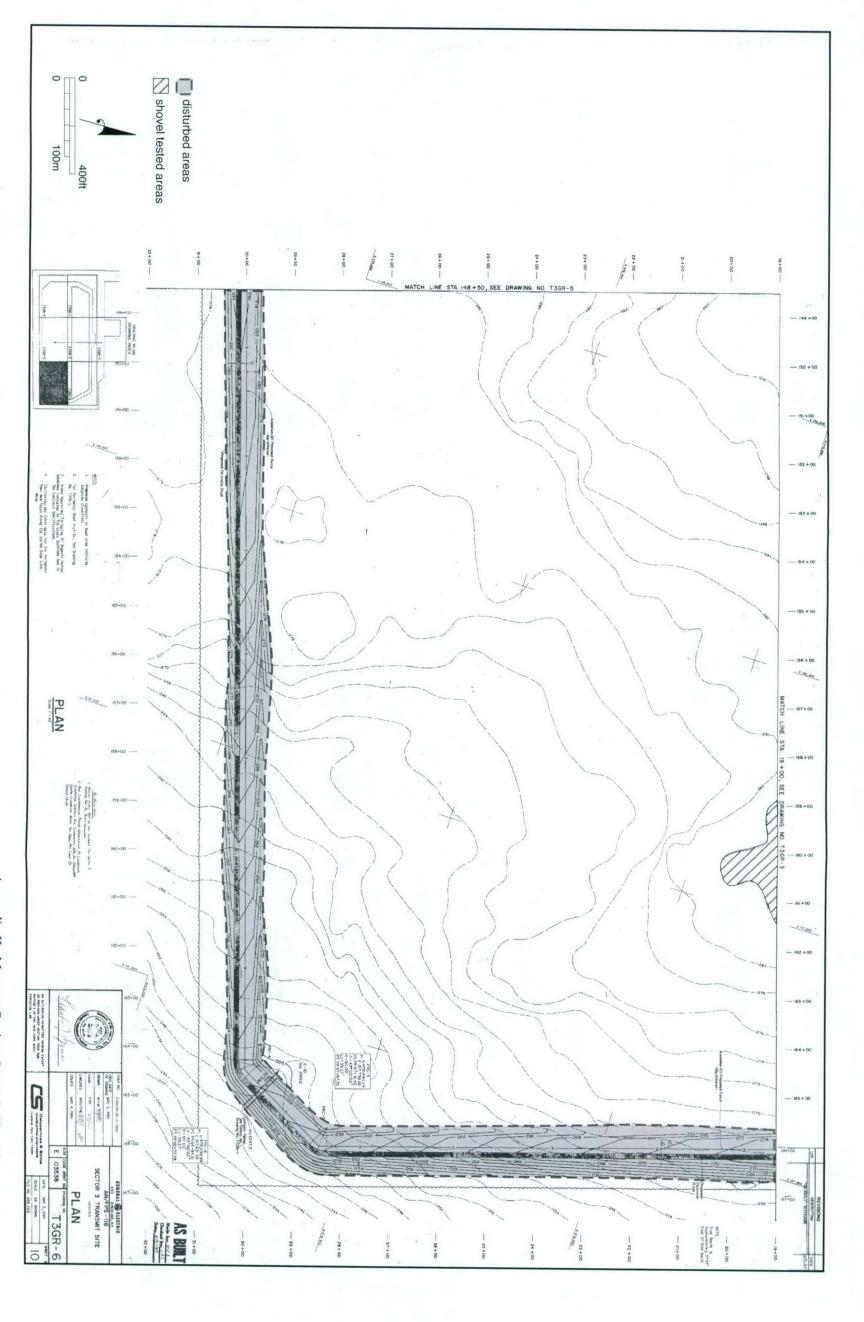
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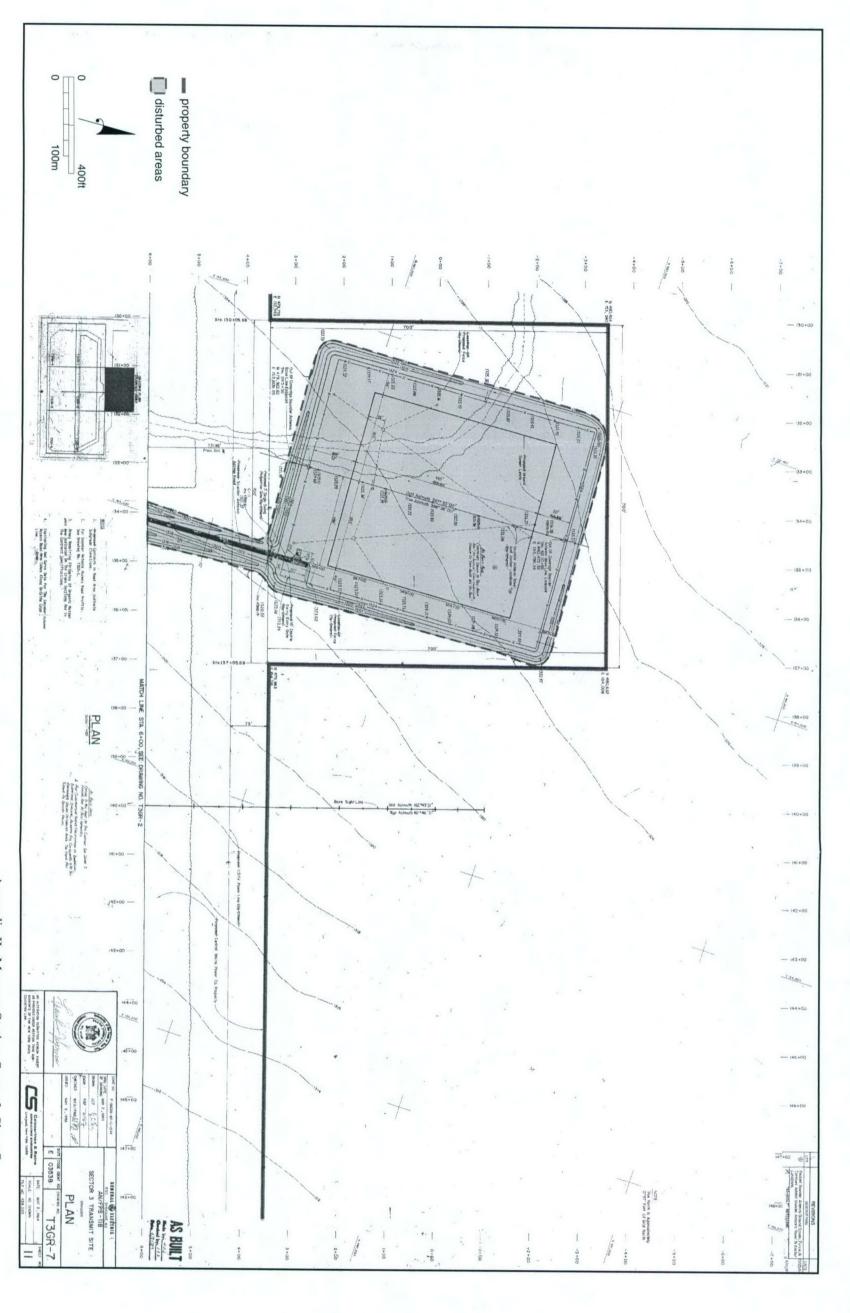
Appendix II. Moscow Station, Sector 3, Sheet 4.



Appendix II. Moscow Station, Sector 3, Sheet 5.



Appendix II. Moscow Station, Sector 3, Sheet 6.



Appendix II. Moscow Station, Sector 3, Sheet 7.

APPENDIX III: LIST OF ACRONYMS AND ABBREVIATIONS

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ACC Air Combat Command
AFI Air Force Instruction
FCR Fire Cracked Rock
IF Isolated Find

JMA John Milner Associates, Inc.

MHPC Maine Historic Preservation Commission
NEPA National Environmental Policy Act
NHPA National Historic Preservation Act
NRHP National Register of Historic Places
OTHB Over-the-Horizon-Backscatter

OTHB-E Over-the-Horizon-Backscatter Radar East Coast

STU Shovel Test Unit

CONTRACT DATA

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